SERVICE MANUAL

PCV-W500GN1

American Area

US Model
Canadian Model

PCV-W500GN1

Ver. 1-2003H

Revision History

Line up: PCV-W500GN1

- Design and specifications are subject to change without notice.

2003H1600-1
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PERSONAL COMPUTER

SONY

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Caution Markings for Lithium/Ion Battery - The following or similar texts shall be provided on battery pack of equipment or in both the operating and the service instructions.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

CAUTION: The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 100 C (212 F) or incinerate.
Dispose of used battery promptly.
Keep away from children.

CAUTION: Changing the back up battery.
- Overcharging, short circuiting, reverse charging, multilation or incineration of the cells must be avoided to prevent one or more of the following occurrences; release of toxic materials, release of hydrogen and/or oxygen gas, rise in surface temperature.
- If a cell has leaked or vented, it should be replaced immediately while avoiding to touch it without any protection.

Service and Inspection Precautions

1. Obey precautionary markings and instructions

Labels and stamps on the cabinet, chassis, and components identify areas requiring special precautions. Be sure to observe these precautions, as well as all precautions listed in the operating manual and other associated documents.

2. Use designated parts only

The set's components possess important safety characteristics, such as noncombustibility and the ability to tolerate large voltages. Be sure that replacement parts possess the same safety characteristics as the originals. Also remember that the mark, which appears in circuit diagrams and parts lists, denotes components that have particularly important safety functions; be extra sure to use only the designated components.

3. Always follow the original design when mounting parts and routing wires

The original layout includes various safety features, such as inclusion of insulating materials (tubes and tape) and the mounting of parts above the printer board. In addition, internal wiring has been routed and clamped so as to keep it away from hot or high-voltage parts. When mounting parts or routing wires, therefore, be sure to duplicate the original layout.

4. Inspect after completing service

After servicing, inspect to make sure that all screws, components, and wiring have been returned to their original condition. Also check the area around the repair location to ensure that repair work has caused no damage, and confirm safety.

5. When replacing chip components...

Never reuse components. Also remember that the negative side of tantalum capacitors is easily damaged by heat.

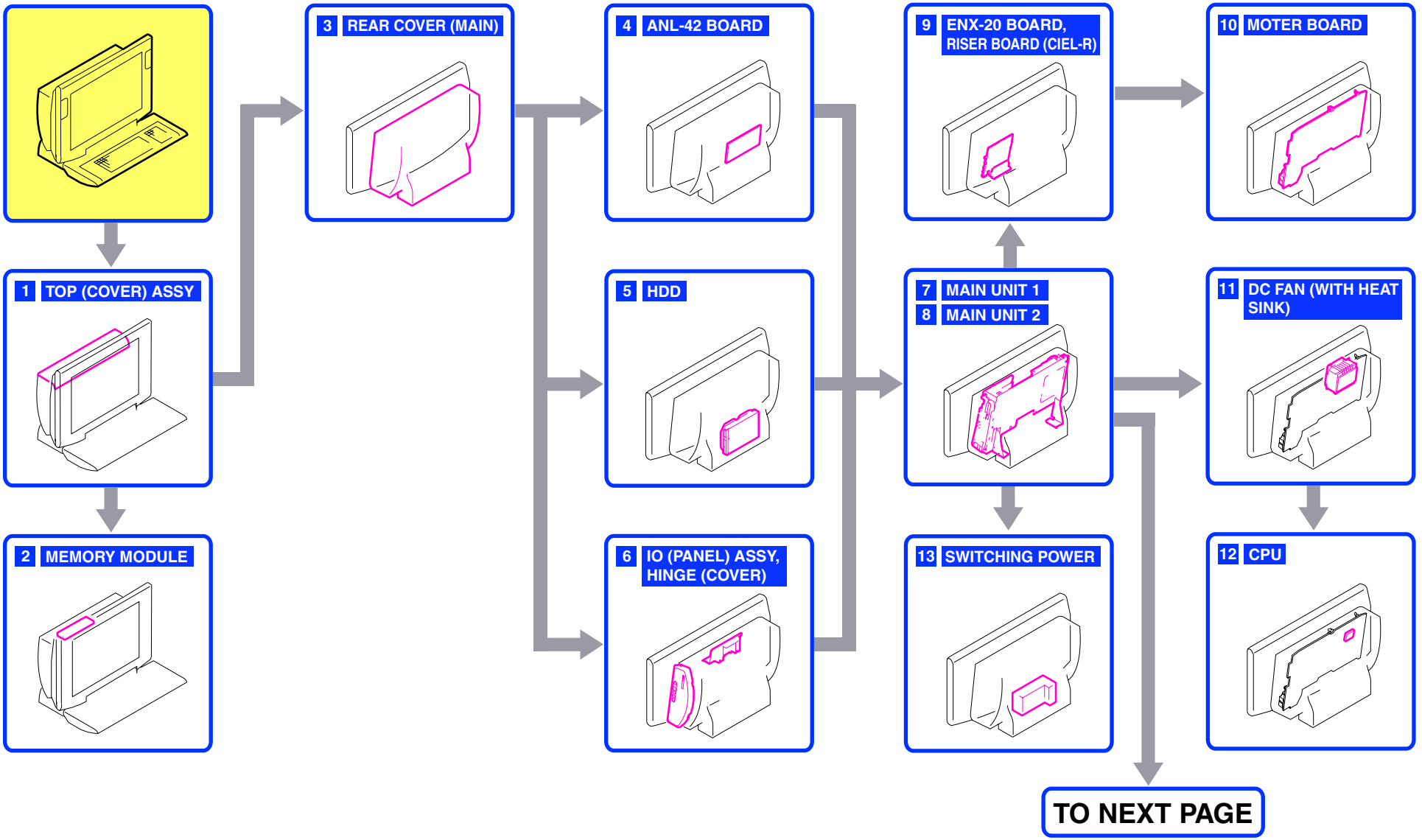
6. When handling flexible print boards...

- The temperature of the soldering-iron tip should be about 270C.
- Do not apply the tip more than three times to the same pattern.
- Handle patterns with care; never apply force.

Caution: Remember that hard disk drives are easily damaged by vibration. Always handle with care.

**ATTENTION AU COMPOSANT AYANT RAPPORT
À LA SÉCURITÉ!
LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.**

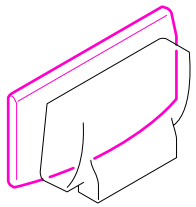
DISASSEMBLY



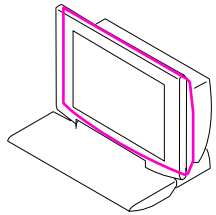
DISASSEMBLY

CONTINUED FROM PREVIOUS PAGE

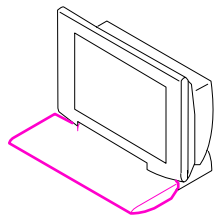
14 FRONT UNIT



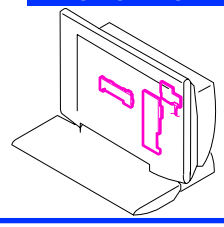
15 REAR COVER (LCD) ASSY



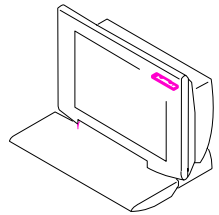
16 KEYBOARD UNIT



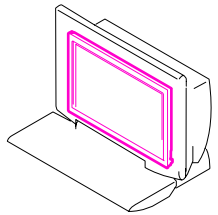
17 CNX-217 BOARD, INVERTER UNIT, RAY-CATCHER UNIT



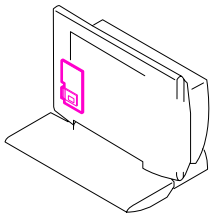
19 LEX-48 BOARD



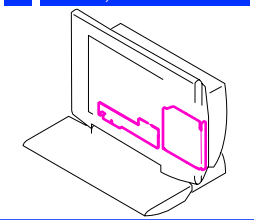
20 LCD UNIT



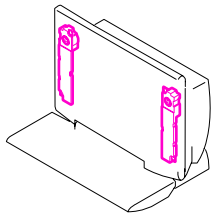
23 ANL-41 BOARD



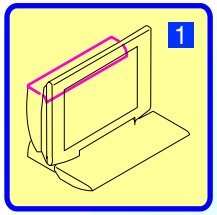
21 DVD-RW, SLIMDE BOARD 1
22 DVD-RW, SLIMDE BOARD 2



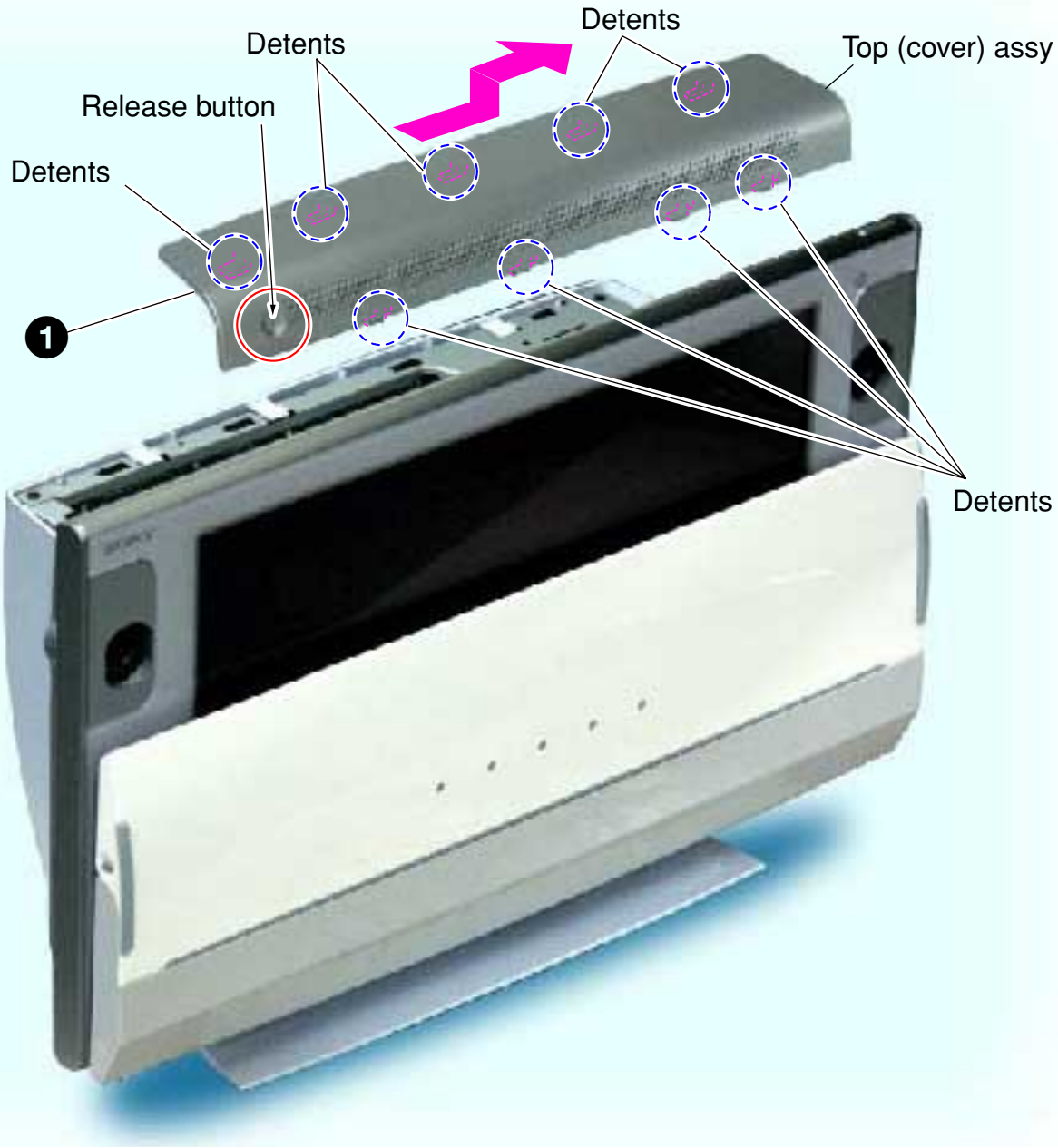
18 SPERKER UNIT



DISASSEMBLY



1 TOP (COVER) ASSY

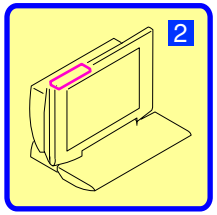


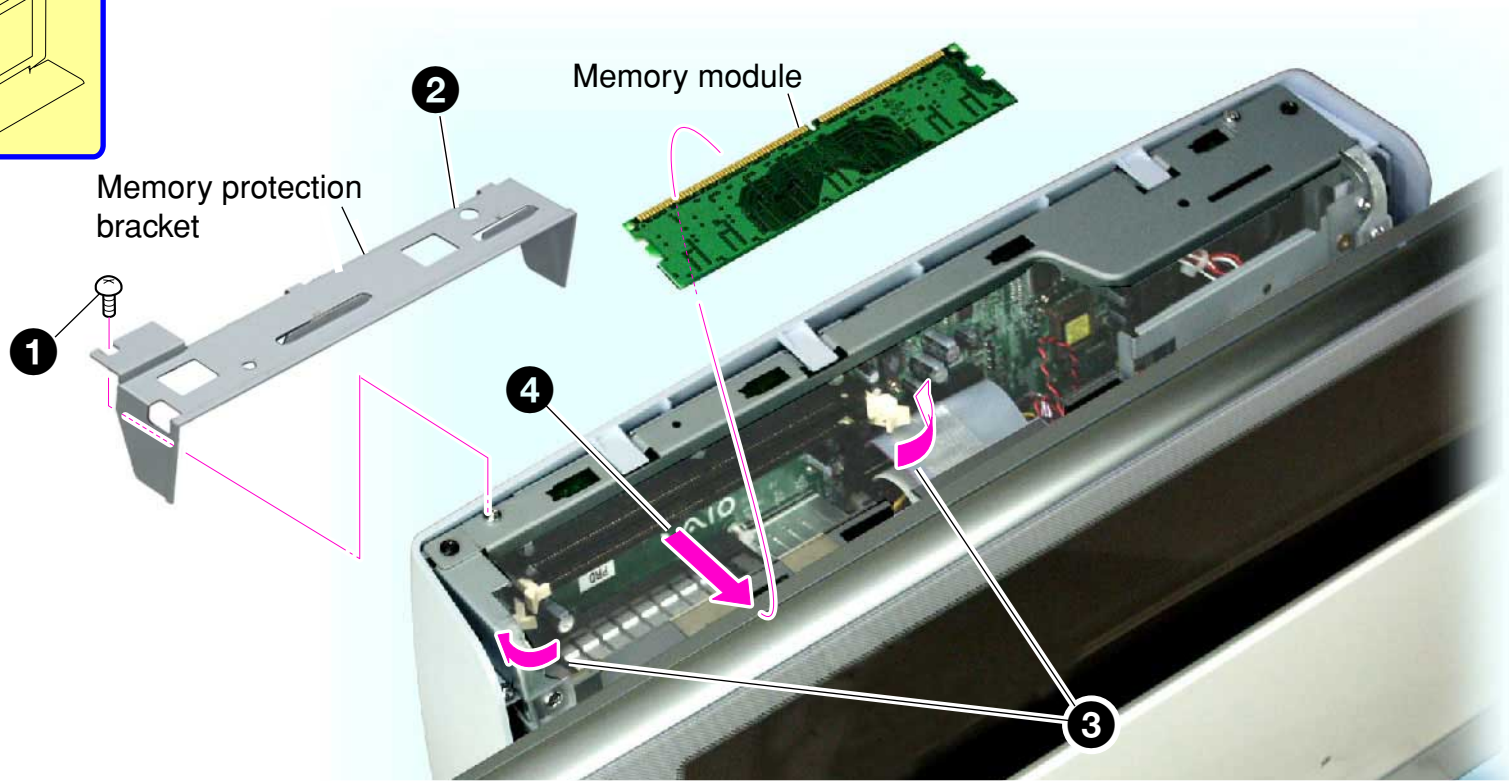
Removal procedure

❶ While pressing the release button, slide the Top (cover) assy in the direction of the arrow and disengage the nine detents.
Then remove the Top (cover) assy.

DISASSEMBLY

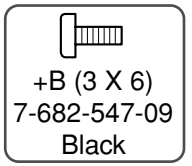
2 MEMORY





Removal procedure

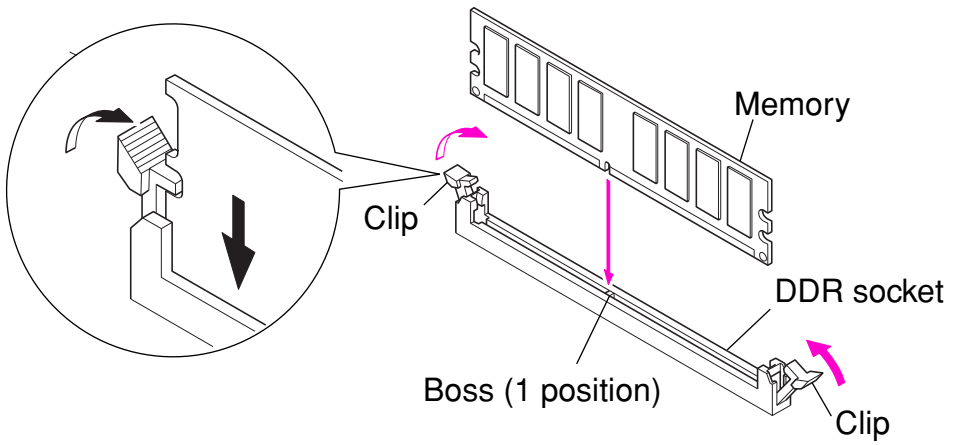
1. Remove the screw.



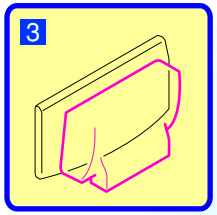
2. Remove the Memory protection bracket.
3. Open the two clips.
4. Pull out the Memory module from the board in the vertical direction.

Notes when installing the Memory module

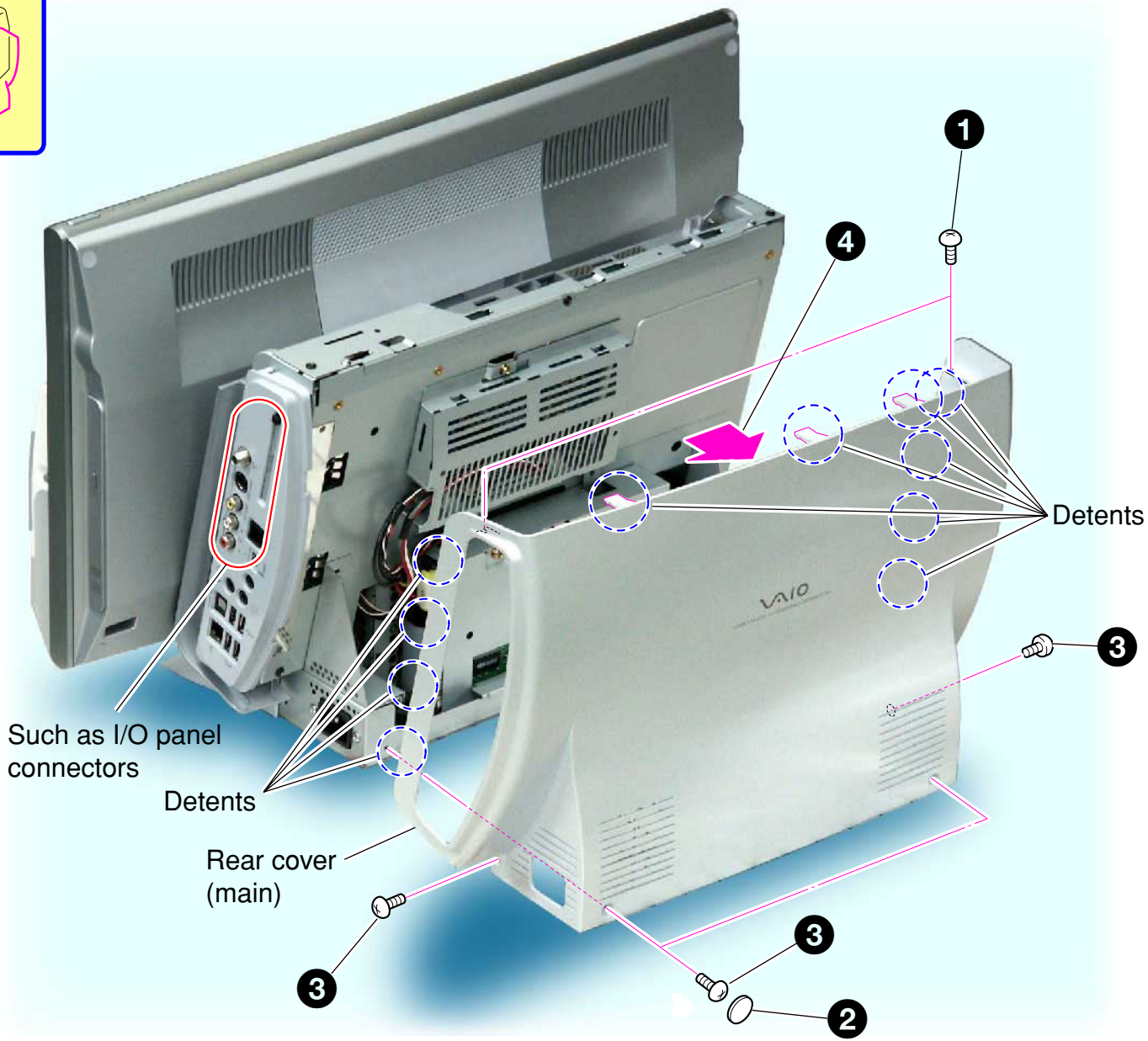
(1) While the clips are left open, insert the Memory module so that the protrusion of socket enters into the notch of the Memory module.
(2) When the Memory module is inserted completely, check that the clips are closed.
(3) Be sure to insert the Memory modules starting from the having the smallest bank number.



DISASSEMBLY



3 REAR COVER (MAIN)



Removal procedure

1. Remove the two screws.

+B (3 X 6)
7-682-547-09
Black

2. Remove the two screw-covers.

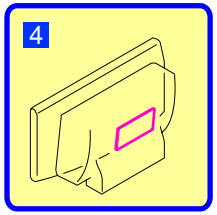
3. Remove the four screws.

+B (3 X 6)
7-682-547-04
Silver

4. Disengage the eleven detents, then remove the Rear cover (main) in the direction of the arrow with care not to damage the I/O panel connectors and others.

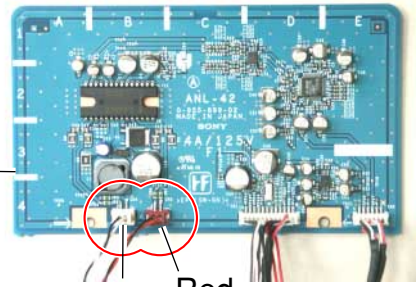
DISASSEMBLY

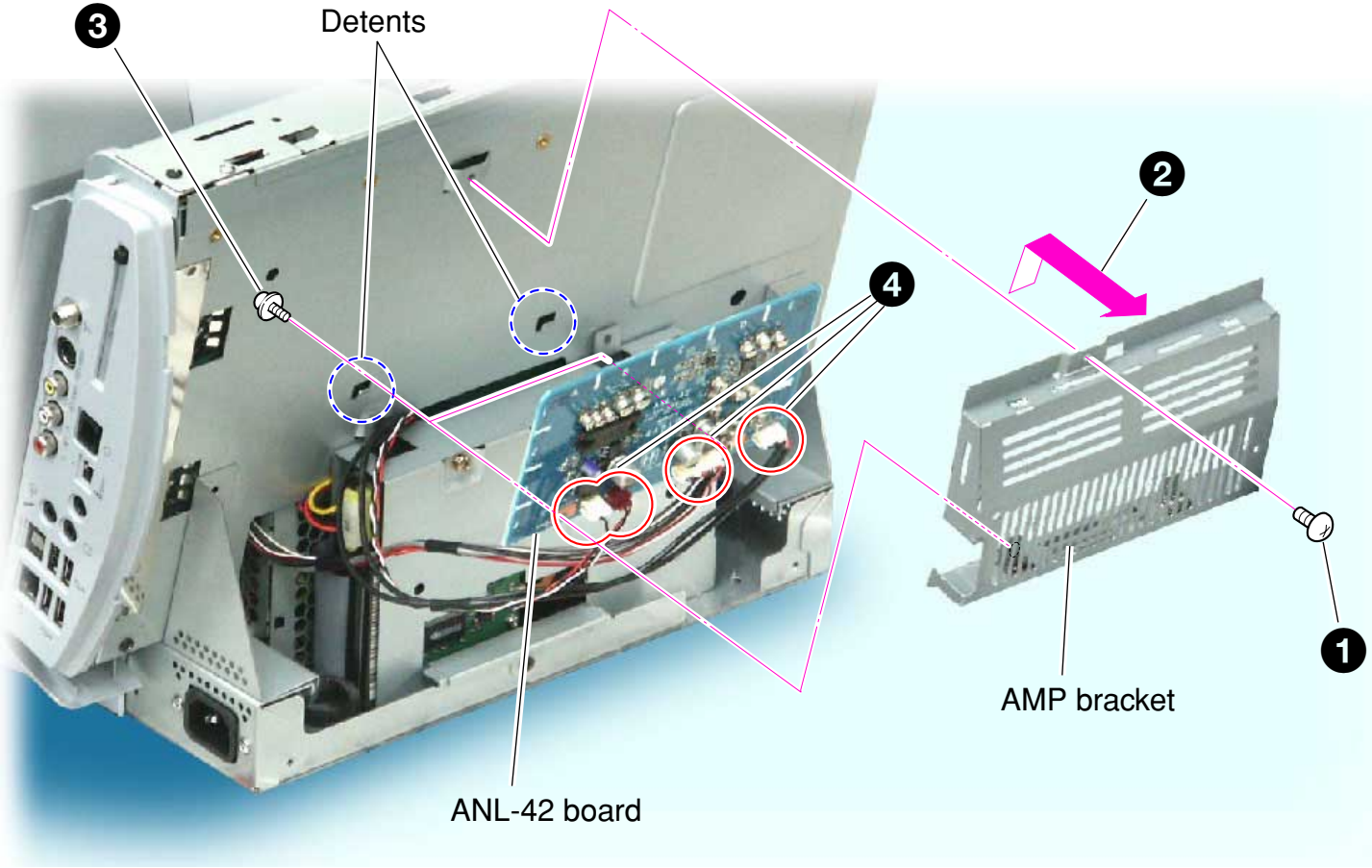
4 ANL-42 BOARD



When installing, connect the connectors having the same color together.

ANL-42 board





Removal procedure

❶ Remove the screw.

+B (3 X 6)
7-682-547-09
Black

❷ Disengage the two detents, and remove the AMP bracket and the ANL-42 board in the direction of the arrow.

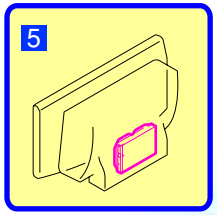
❸ Remove the two screws.

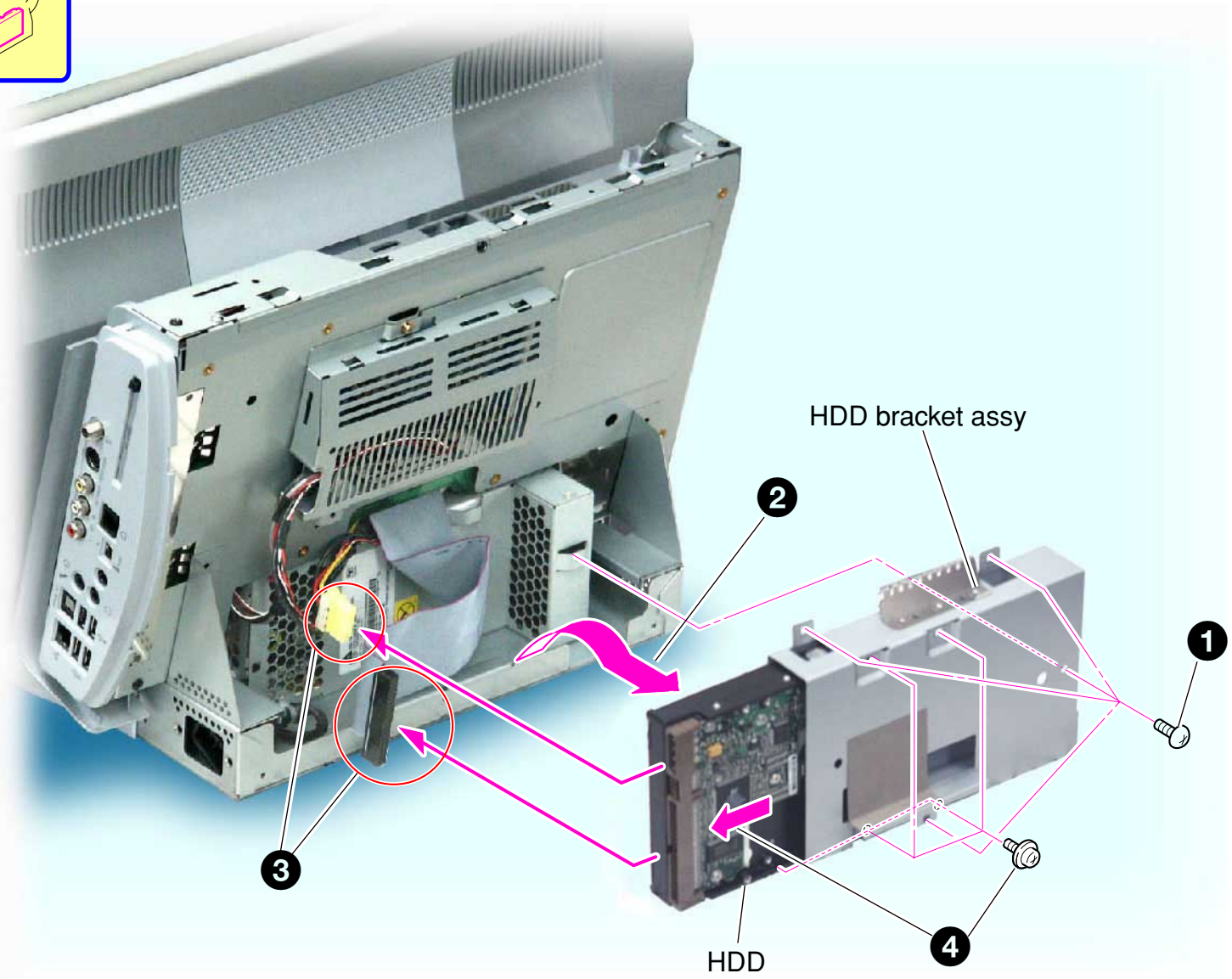
+PSW (3 X 6)
7-682-947-01
Gold

❹ Disconnect the four connectors.

DISASSEMBLY

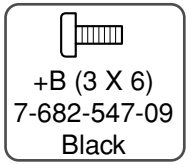
5 HDD





Removal procedure

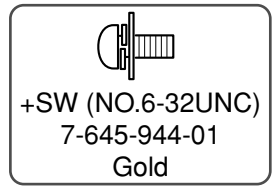
1. Remove the four screws.



2. Remove the bracket assy and HDD in the direction of the arrow.

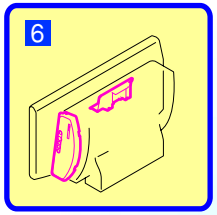
3. Remove the two connectors.

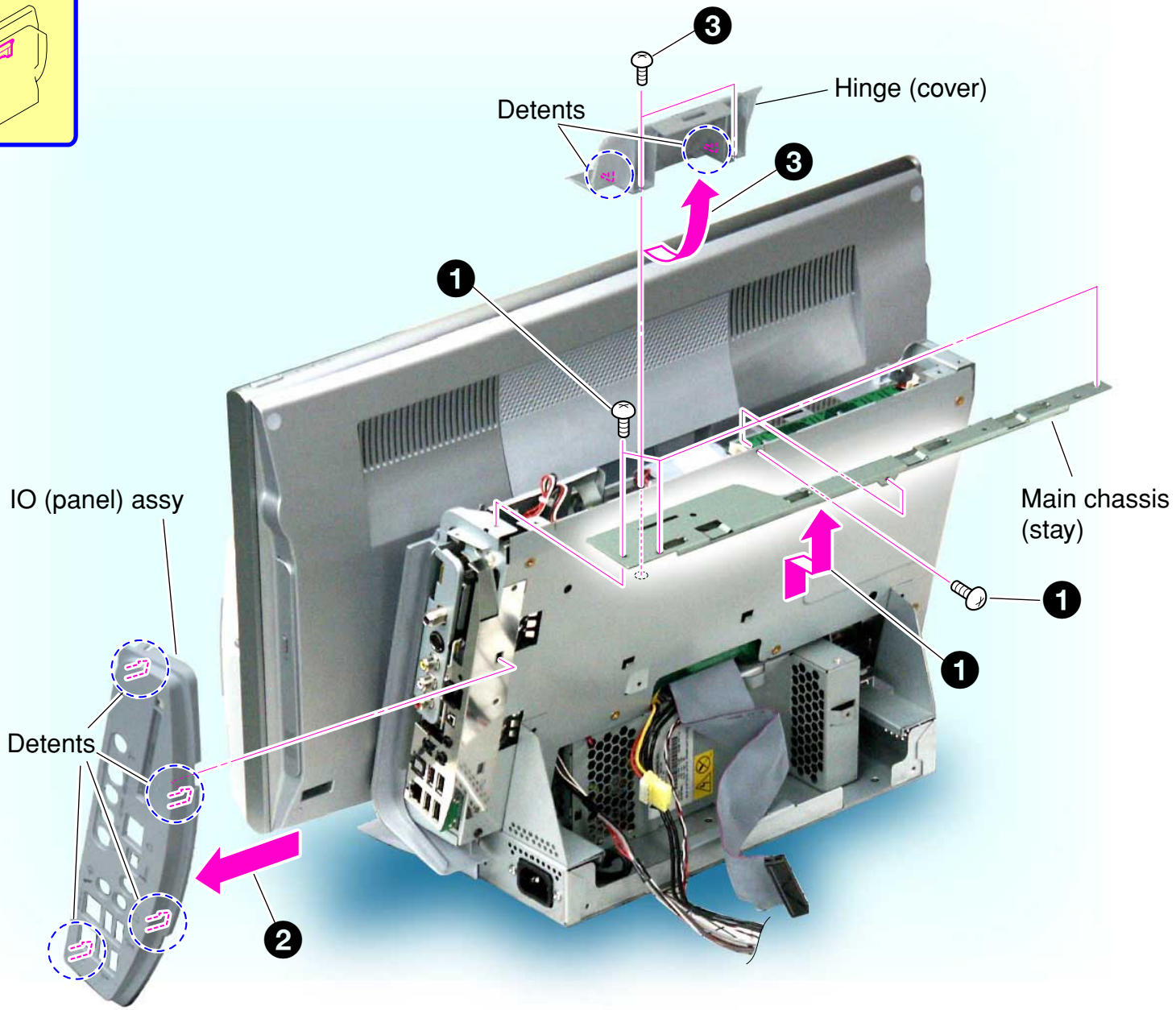
4. Remove the four screws, and remove the HDD from the HDD bracket assy.



DISASSEMBLY

6 IO (PANEL) ASSY, HINGE (COVER)





Removal procedure

❶ Remove the four screws, and remove the Main shassis (stay).

+B (3 X 6)
7-682-547-09
Black

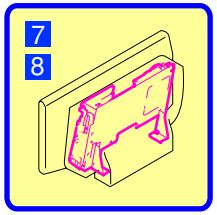
❷ Disengage the four detents, and remove the IO (panel) assy.

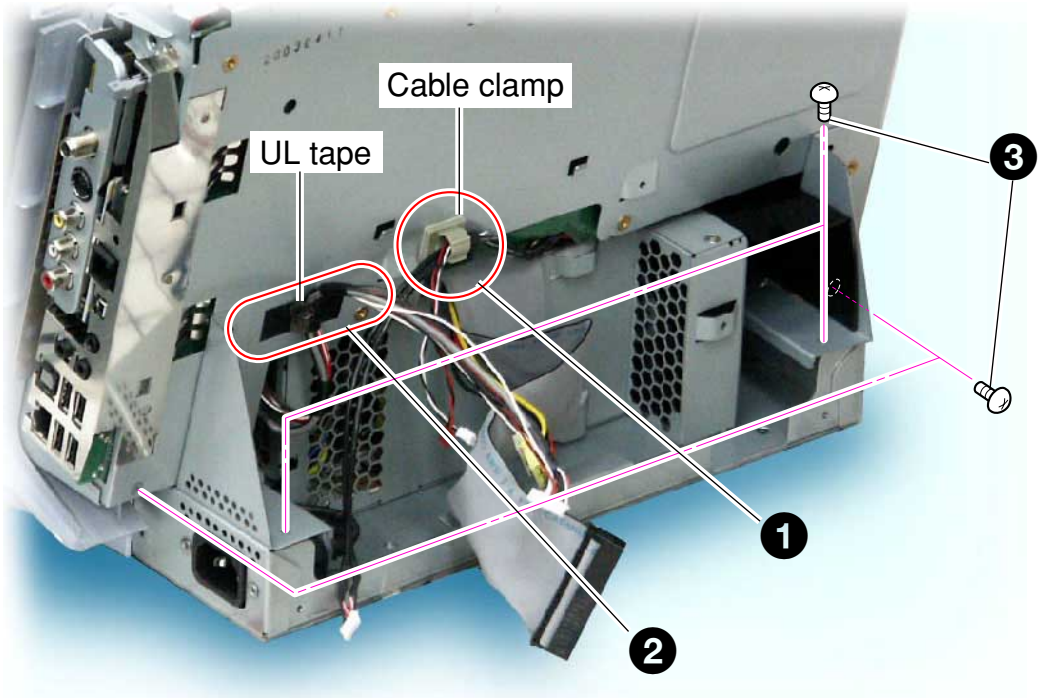
❸ Remove the two screws and the two detents, and remove the Hinge (cover).

+B (3 X 6)
7-682-547-09
Black

DISASSEMBLY

7 MAIN UNIT-1



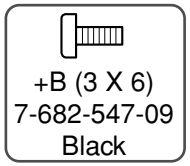


Removal procedure

❶ Disconnect the harness from the cable clamp.

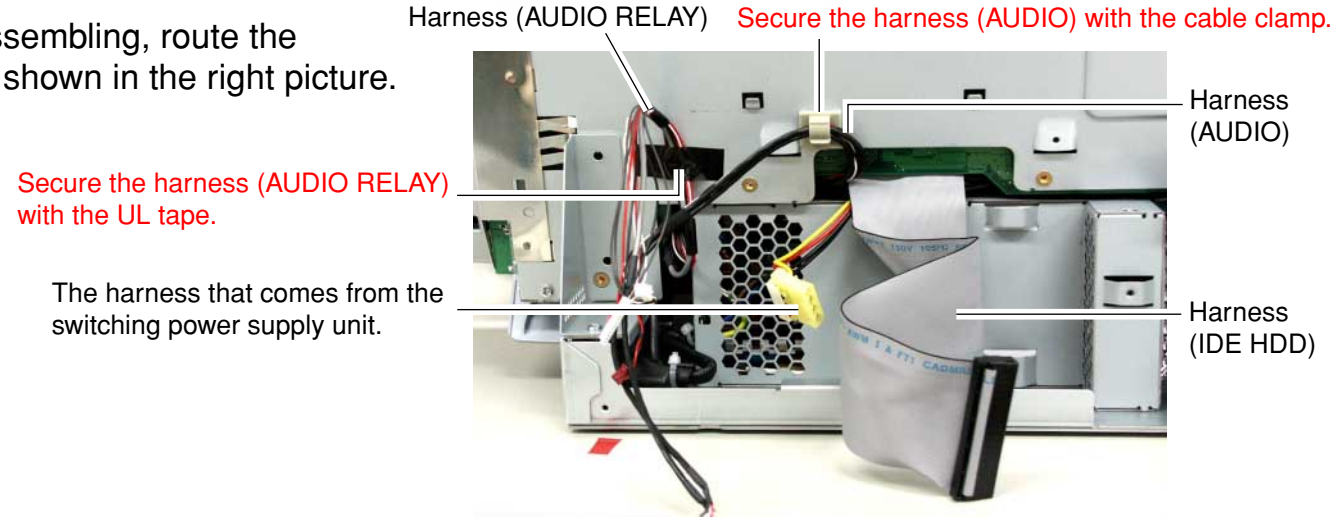
❷ Peel off the UL tape.

❸ Remove the four screws.



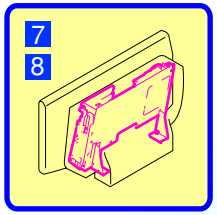
To next page

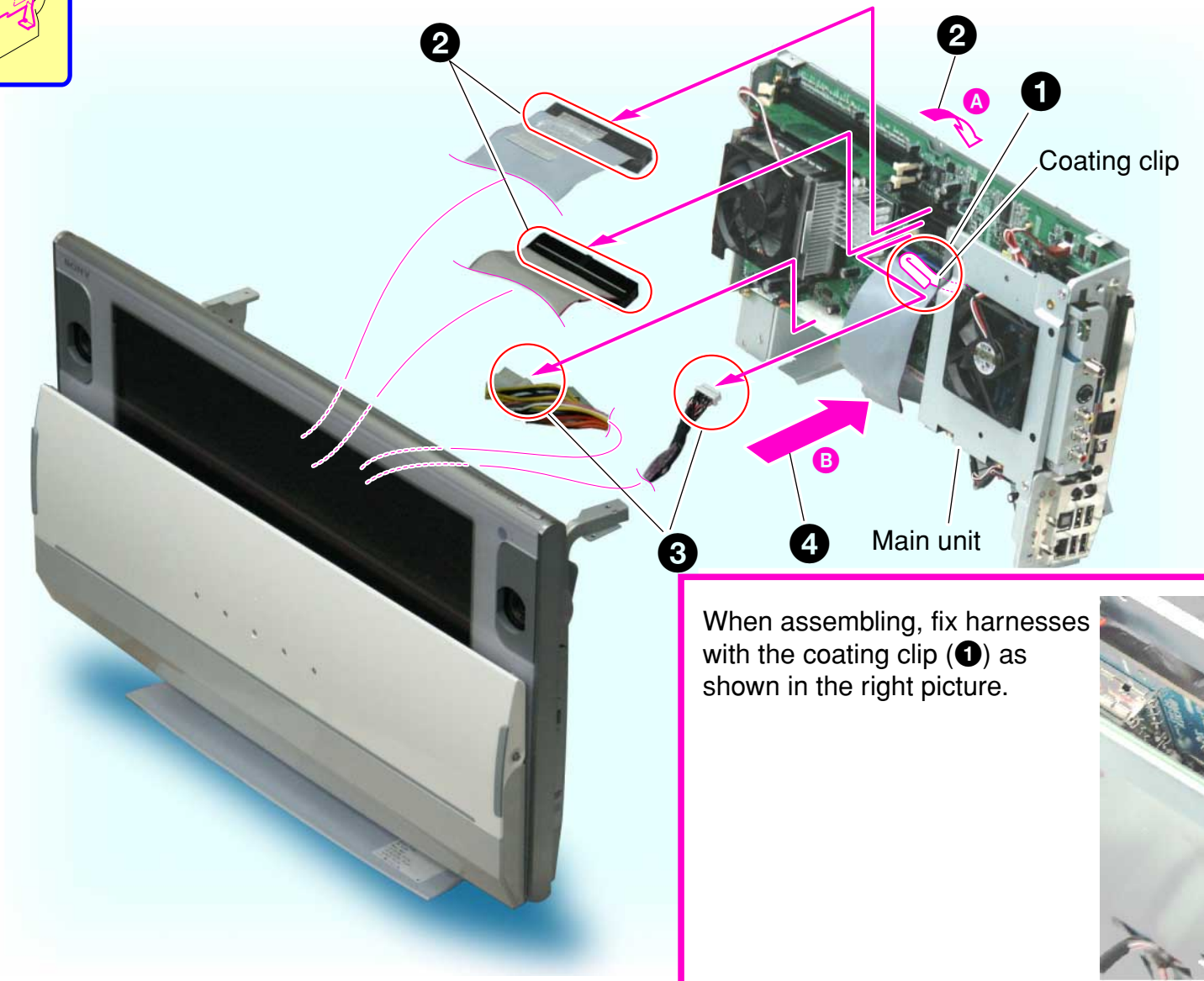
When assembling, route the wires as shown in the right picture.


Harness (AUDIO RELAY)
Secure the harness (AUDIO) with the cable clamp.
Harness (AUDIO)
Secure the harness (AUDIO RELAY) with the UL tape.
The harness that comes from the switching power supply unit.
Harness (IDE HDD)

DISASSEMBLY

8 MAIN UNIT-2





Removal procedure

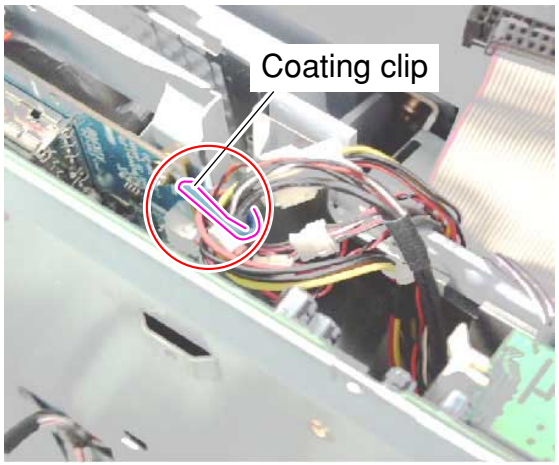
❶ Disconnect the harness by staighting up coating clip slightly.

❷ While tilting the Main unit in the direction of the arrow Ⓐ, disconnect the two connectors.

❸ Tilt the Main unit further, and disconnect the two connectors.

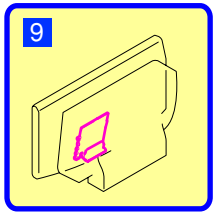
❹ Remove the Main unit in the direction of the arrow Ⓑ.

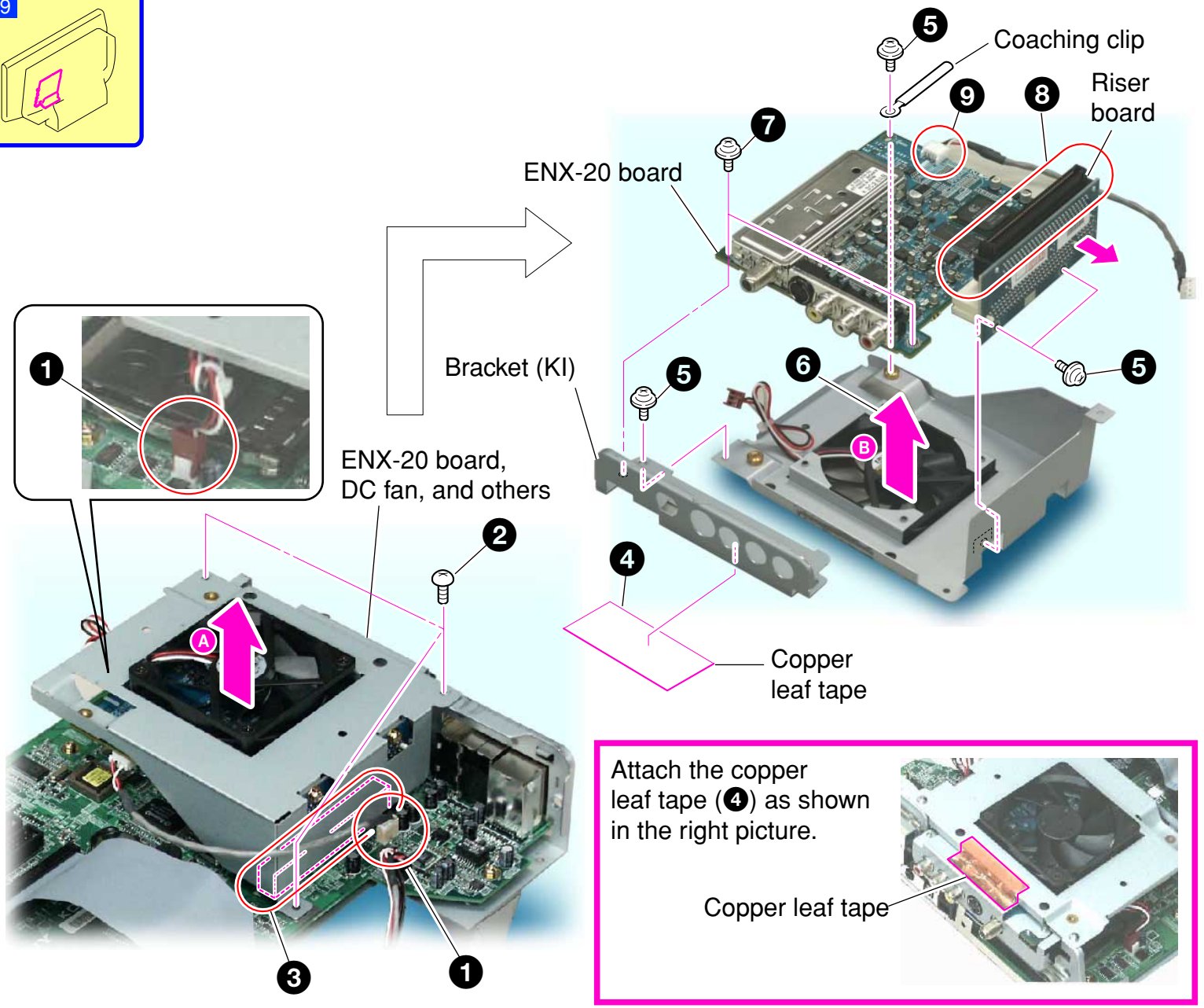
When assembling, fix harnesses with the coating clip (❶) as shown in the right picture.



DISASSEMBLY

9 ENX-20 BOARD, RISER BOARD





Attach the copper leaf tape (❹) as shown in the right picture.

Removal procedure

❶ Remove the two connectors.

❷ Remove the three screws.

+B (3 X 6)
7-682-547-09
Black

❸ Remove the ENX-20 board, DC fan, and others in the direction of the arrow Ⓐ. Then disconnect the B-to-B connector.

❹ Peel off the copper leaf tape.

❺ Remove the four screws and the coating clip.

+PSW (3 X 6)
7-682-947-01
Gold

❻ Remove the ENX-20 board and the Riser board in the direction of the arrow Ⓑ.

❼ Remove the two screws and Bracket (KI).

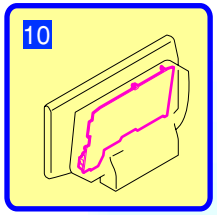
+PSW (3 X 6)
7-682-947-01
Gold

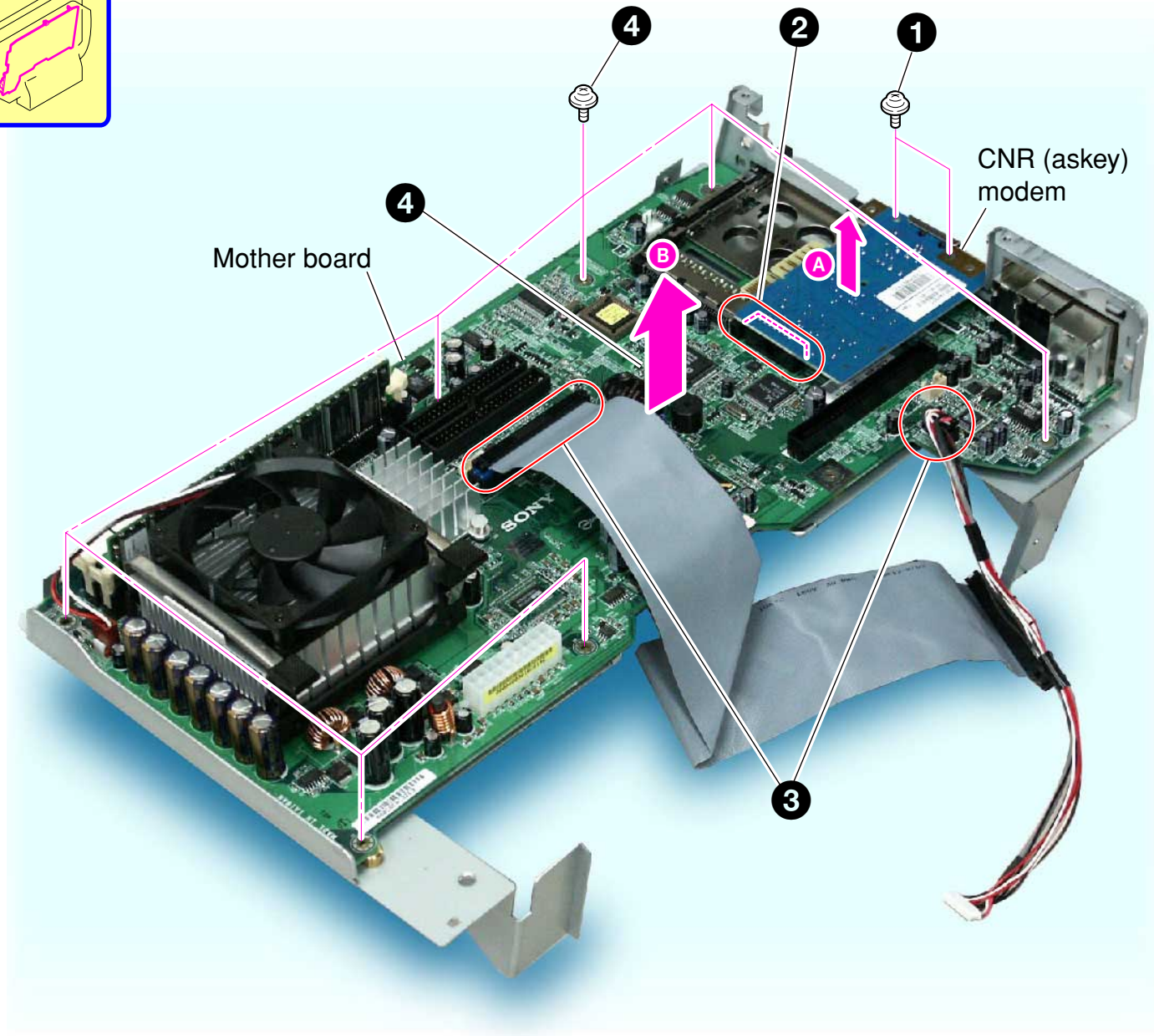
❽ Disconnect the B-to-B connector, and remove the Riser board from the ENX-20 board.

❾ Disconnect the connector.

DISASSEMBLY

10 MOTHER BOARD





Removal procedure

❶ Remove the two screws.

+PSW (3 X 5)
7-682-946-01
Gold

❷ Lift up the CNR (askey) modem in the direction of the arrow Ⓐ, and disconnect the B-to-B connector.

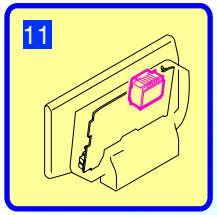
❸ Remove the two connectors.

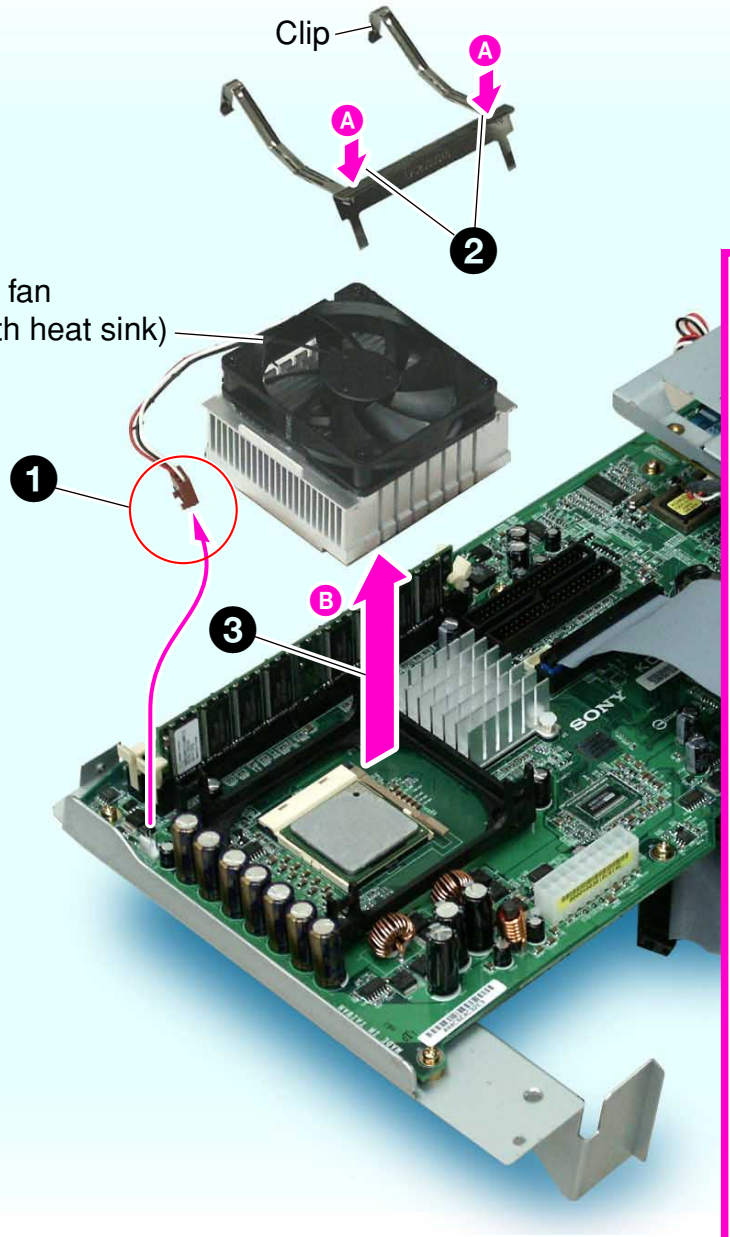
❹ Remove the seven screws, and lift up the mother board in the direction of the arrow Ⓑ, then remove it.

+PSW (3 X 6)
7-682-947-01
Gold

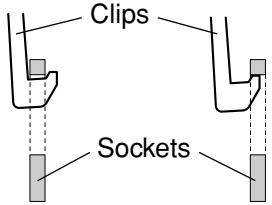
DISASSEMBLY

11 DC FAN (WITH HEAT SINK)

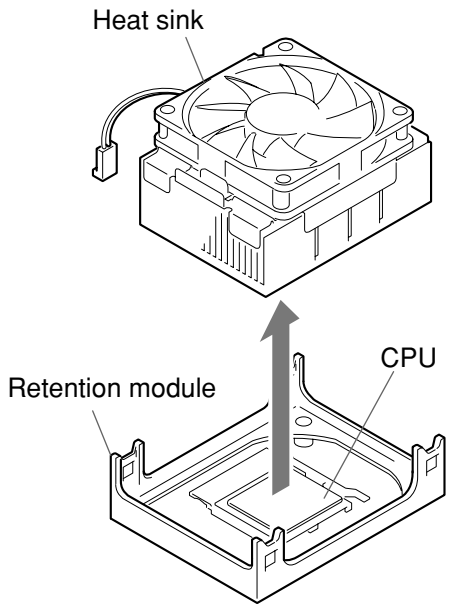




When assembling, make sure that the clips securely hook on the sockets.



To remove the heat sink, raise the CPU straight up from the Retention module. However, there can be a case that the CPU has adhered to the heat sink. In such a case, raise the CPU straight up from the Retention module being careful that the CPU pins must not be bent.
Then warm up the CPU and heat sink using a hair dryer or the like, and then separate the CPU from the heat sink by inserting a spatula in between them. While executing this work, do not apply excessive heat to CPU. Also be careful not to apply excessive force to CPU with spatula.

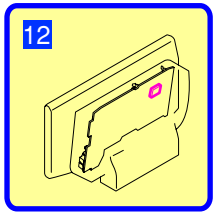


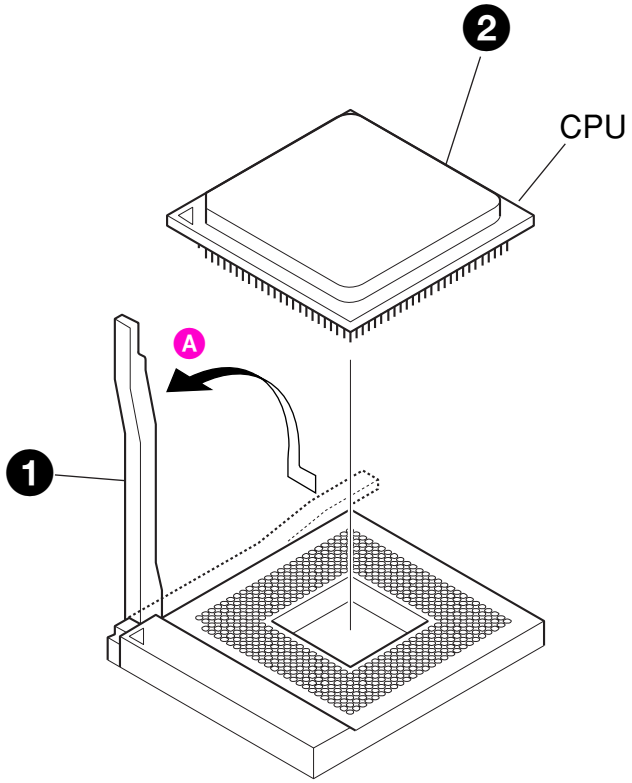
Removal procedure

1. Remove the connector.
2. Press the clips in the direction of the arrow A to release the lock and remove the clips.
3. Raise the DC fan (with heat sink) in the direction of the arrow B and remove it.

DISASSEMBLY

12 CPU

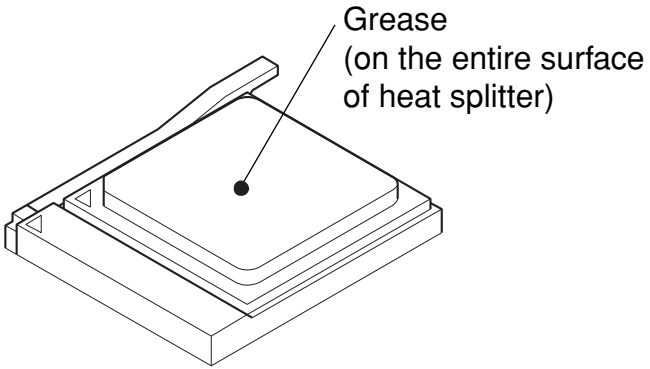




To replace the CPU or heat sink (in case that CPU is equipped with heat sink), install new CPU or heat sink after thermal dissipation grease is wiped off and apply the grease to the position shown in the figure.

Thermal dissipation grease: Silicon compound (G-765) 90G
Amount of application: 0.5 g (equivalent to twice the size a wooden safety match head)

* Take care not to apply the grease to any other places because it has high conductivity.



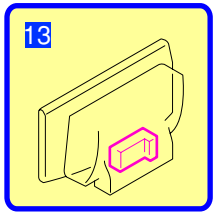
Removal procedure

❶ Raise the lever in the direction of the arrow Ⓐ.

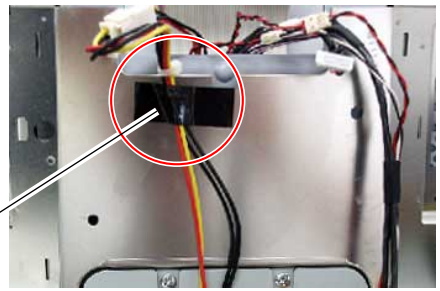
❷ Pull the CPU straight up and remove it.

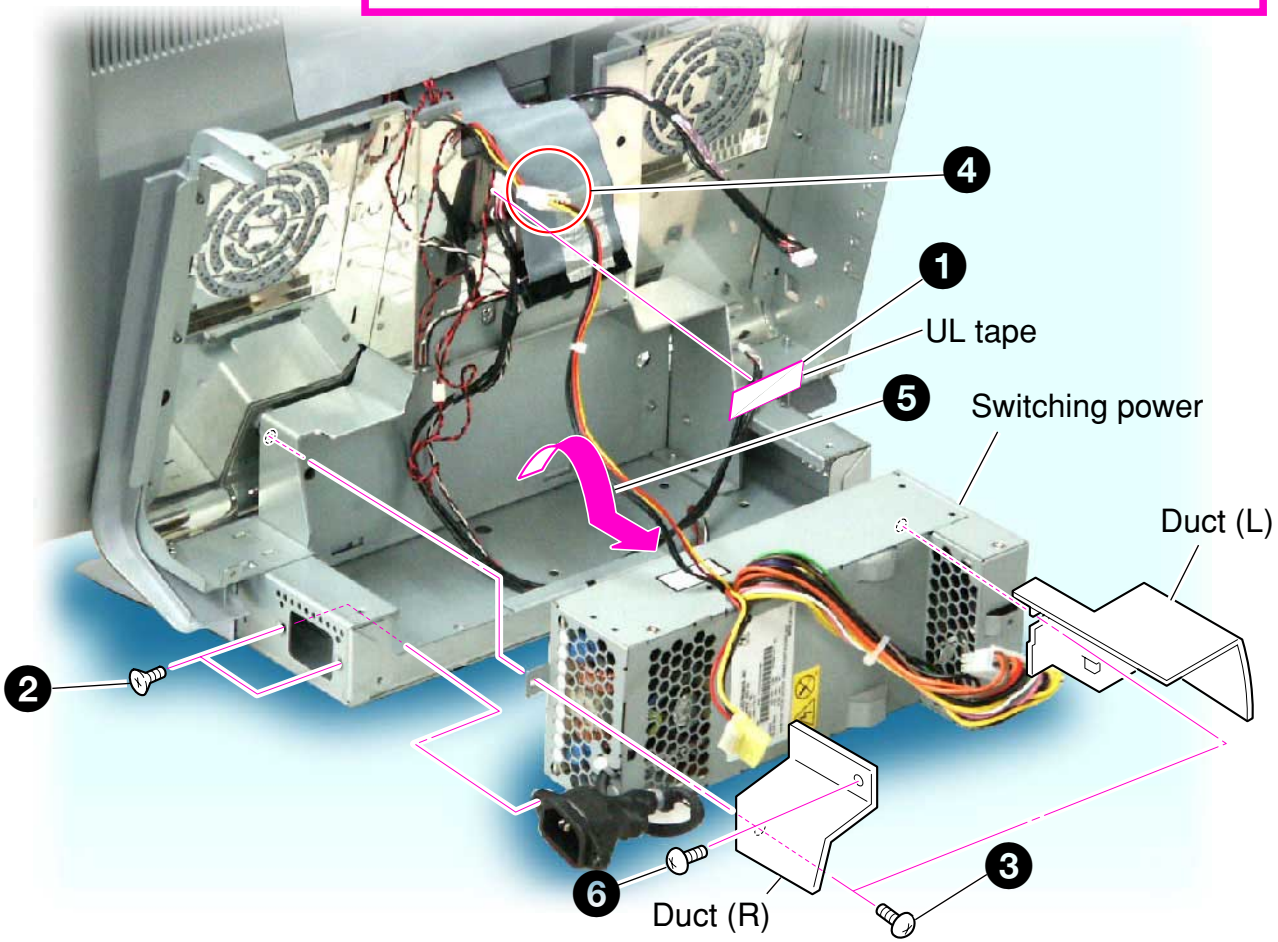
DISASSEMBLY

13 SWITCHING POWER



Attach the UL tape ❶ to secure the harness as shown in the right picture.





Removal procedure

❶ Peel off the UL tape.

❷ Remove the two screws.

+K (3 X 8)
7-682-248-04
Silver

❸ Remove the two screws and remove the duct (L).

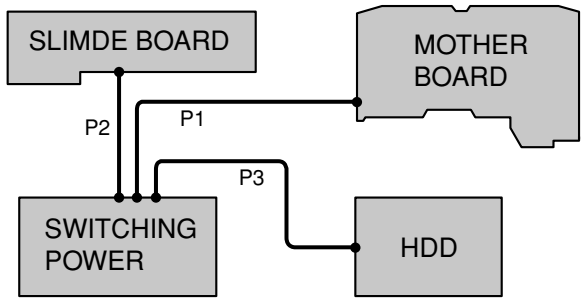
+B (3 X 6)
7-682-547-09
Black

❹ Disconnect the connector.

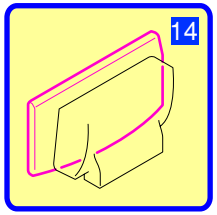
❺ Remove the Switching power supply unit in the direction of the arrow.

❻ Remove the screw, and remove the duct (R) from the Switching power.

+B (3 X 6)
7-682-547-09
Black

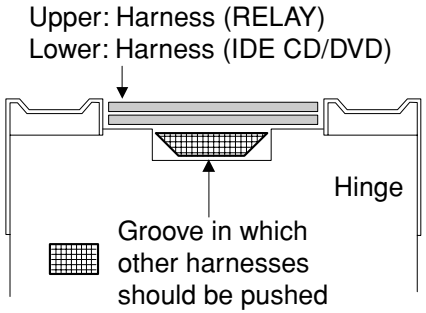


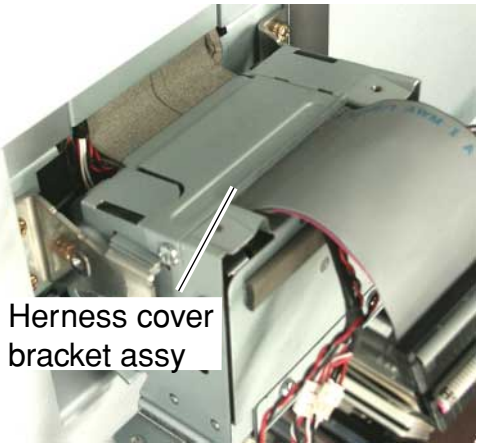
DISASSEMBLY

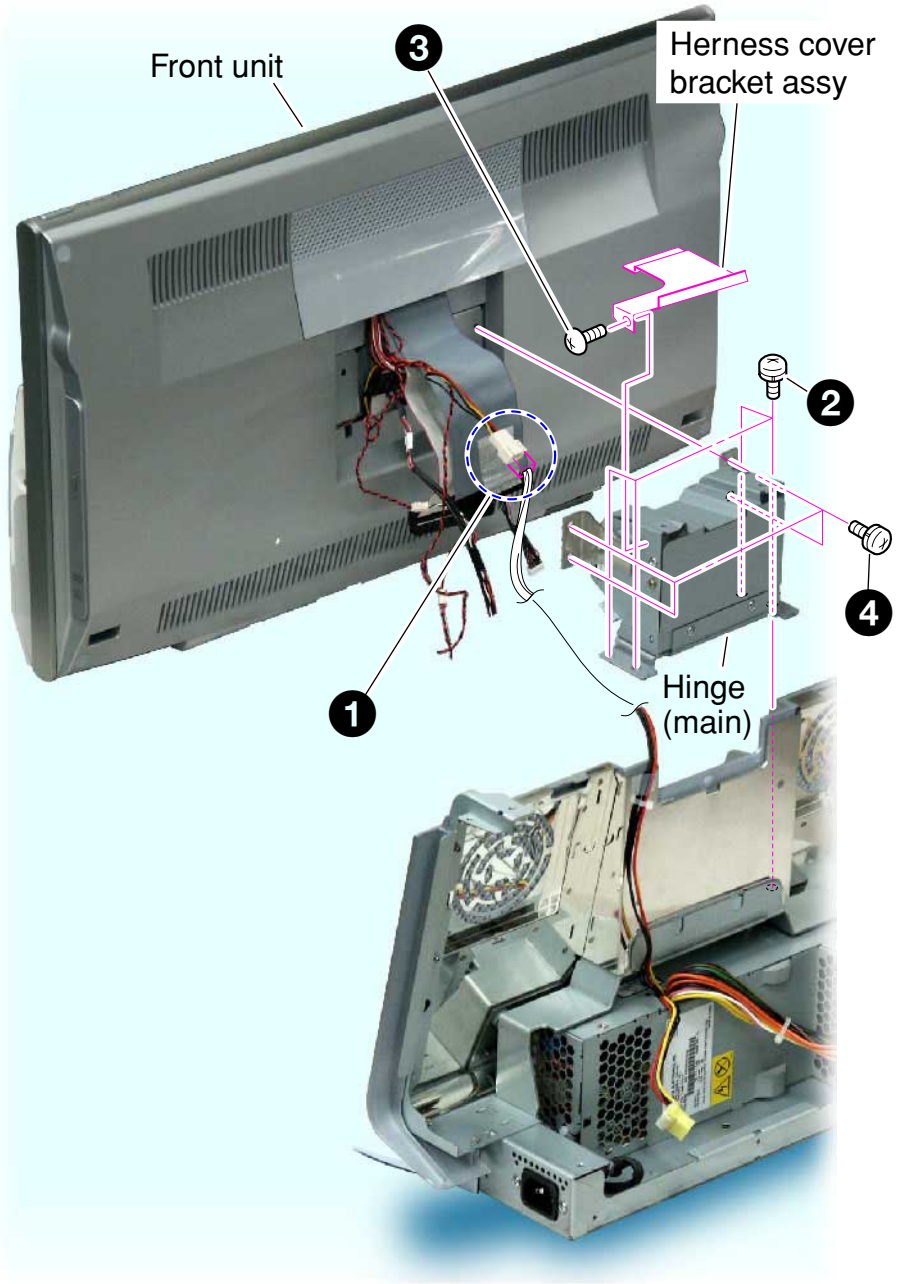


14 FRONT UMIT

Route harnesses as shown below.







Removal procedure

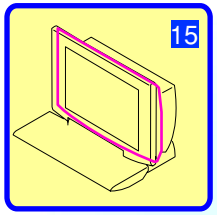
1. Remove the connector.
2. Remove the four screws, and remove the Hinge (main) and the Front unit together.

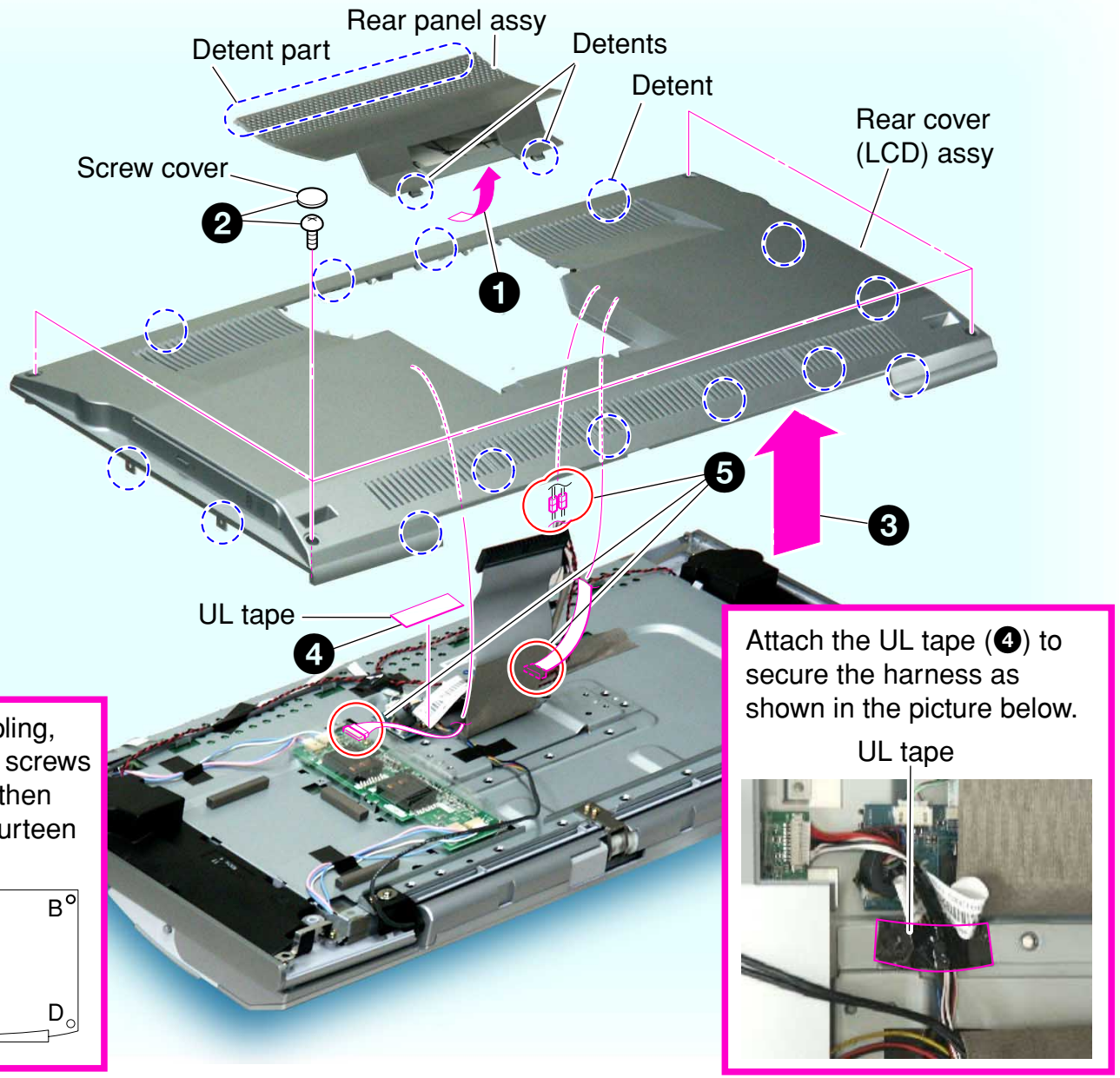
3. Remove the screw, and remove the Herness cover bracket assy.

4. Remove the four screws and remove the Hinge (main)from the front unit.

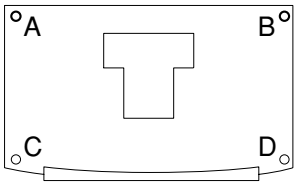
DISASSEMBLY

15 REAR COVER (LCD) ASSY





When assembling, first install the screws A and B (❷), then engage the fourteen Detents.

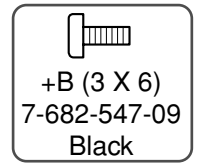


Attach the UL tape (❹) to secure the harness as shown in the picture below.

Removal procedure

❶ Disengage the lower two detents and the upper detent part, and remove the rear panel assy.

❷ Remove the four rear covers and the four screws.



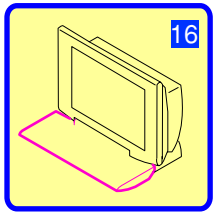
❸ Disengage the fourteen detents and remove the rear (LCD) cover assy.

❹ Peel off the UL tape.

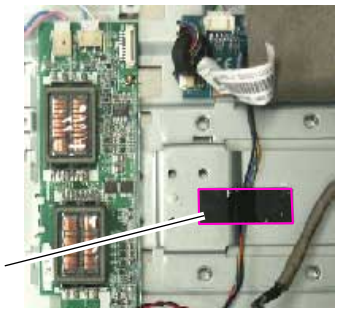
❺ Disconnect the four connectors.

DISASSEMBLY

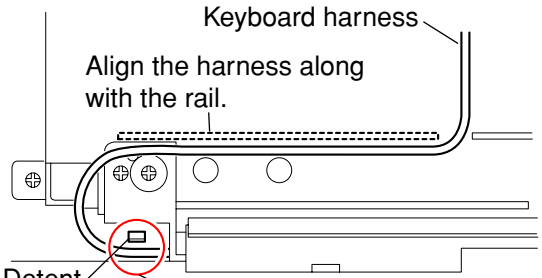
16 KEYBOARD UNIT

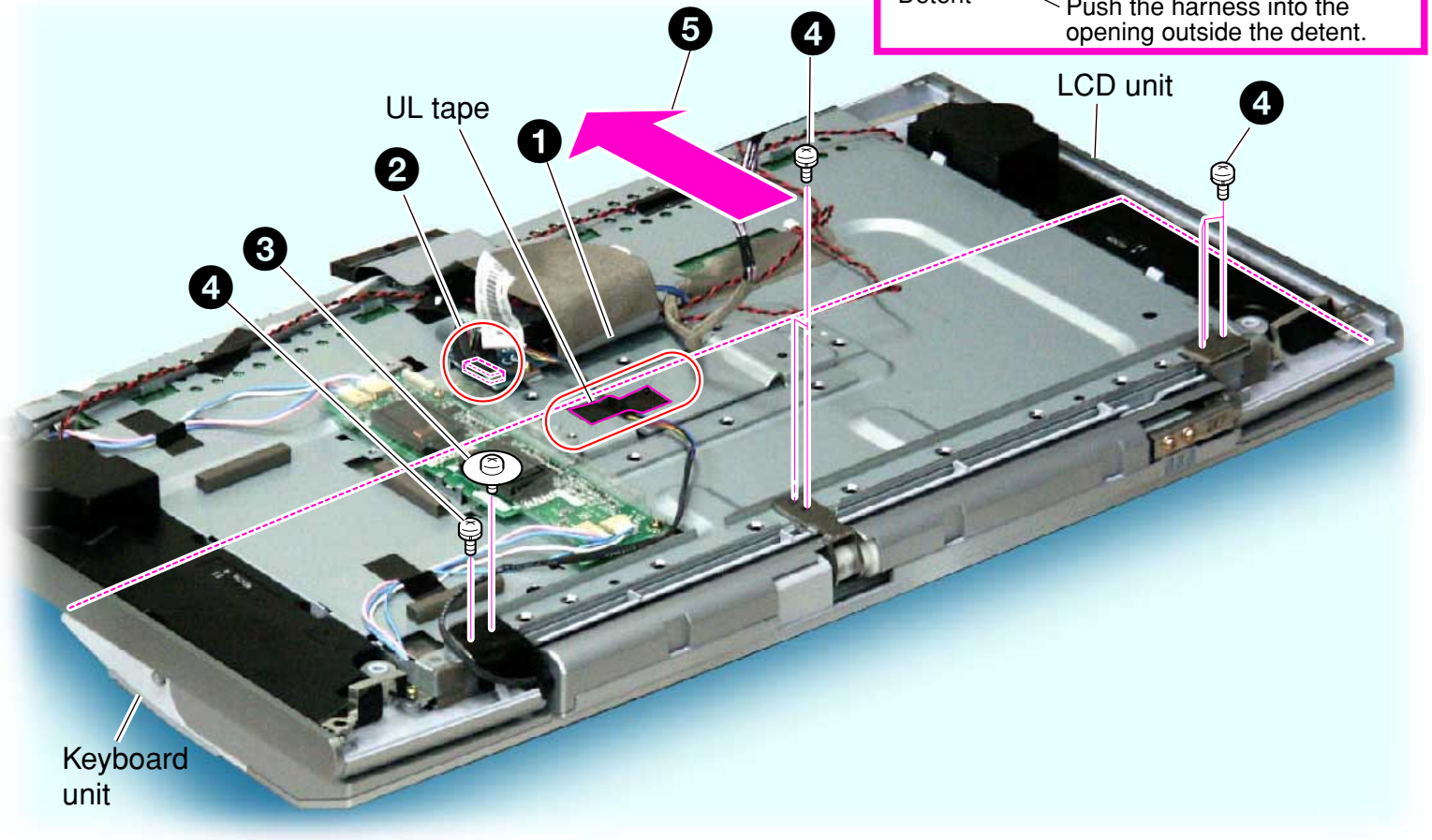


Attach the UL tape (❶) to secure the harness as shown in the right picture.



Route the cables as shown in the figure.



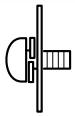


Removal procedure

❶ Peel off the UL tape.

❷ Disconnect the connector.

❸ Remove the screw.



SCREW (M3 X 5)
3-081-229-01
Silver

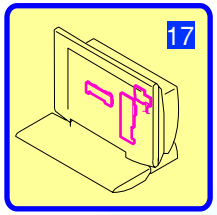
❹ Remove the six screws.

+PS (3 X 6)
7-682-647-01
Gold

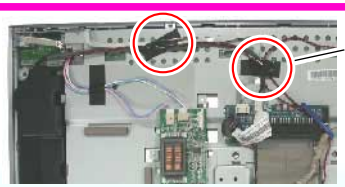
❺ Remove the LCD unit in the direction of the arrow, and separate the LCD unit from the Keyboard unit.

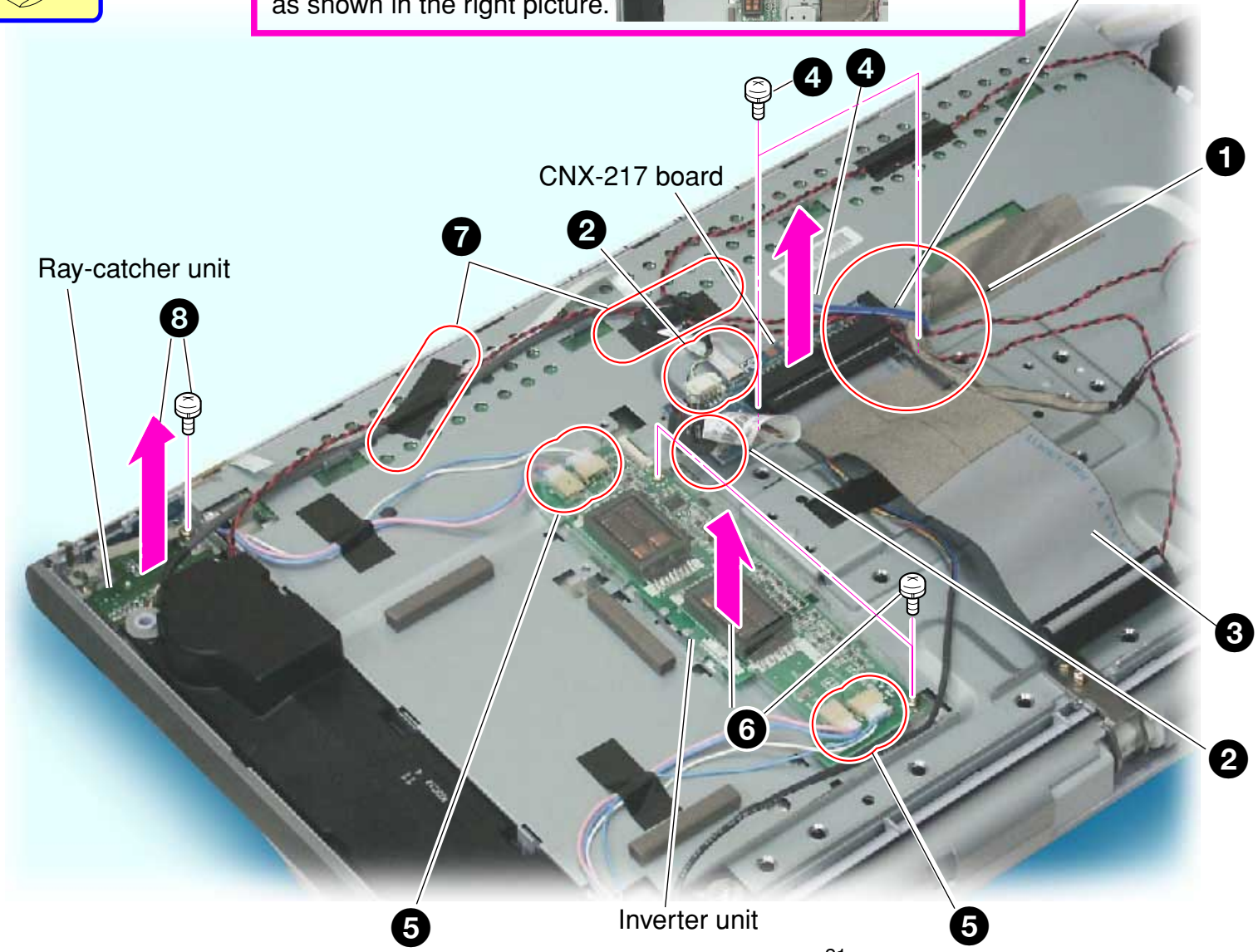
DISASSEMBLY

17 CNX-217 BOARD, INVERTER UNIT, RAY-CATCHER UNIT



Attach the two UL tapes (❼) to secure the harness and the flexible flat cable (LED) as shown in the right picture.





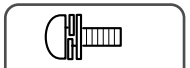
Removal procedure

❶ Open wide the Coating clip, and disconnect the harness.

❷ Disconnect the three connectors.

❸ Disconnect the harness.

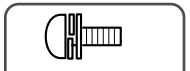
❹ Remove the two screws, and remove the CNX-217 board.



+PS (3 X 6)
7-682-647-01
Gold

❺ Disconnect the four connectors.

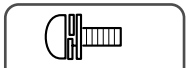
❻ Remove the two screws, and remove the inverter unit.



+PS (3 X 6)
7-682-647-01
Gold

❼ Peel off the two UL tapes.

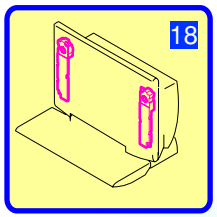
❽ Remove the screw, and remove the Ray-catcher unit.

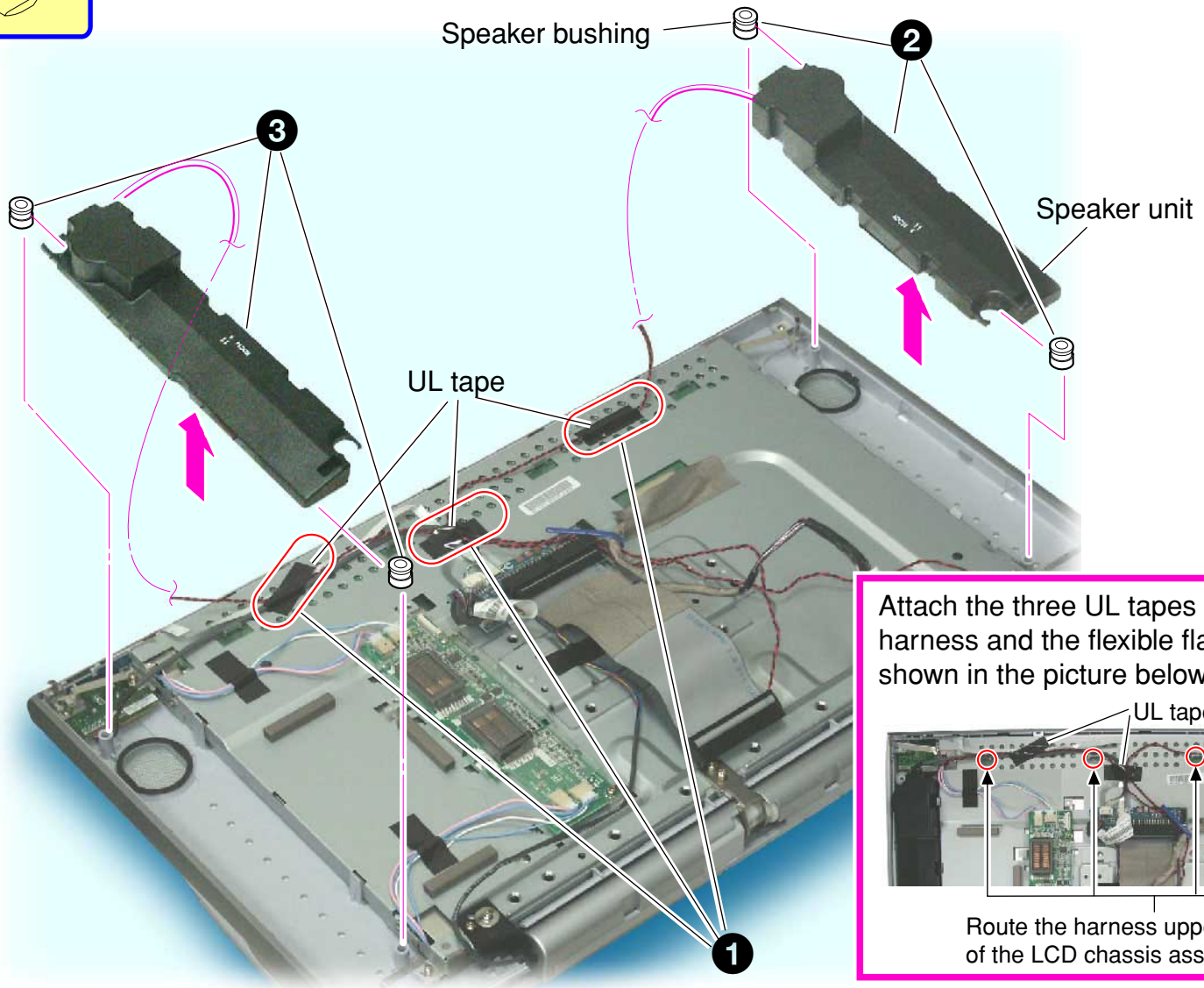


+PS (3 X 6)
7-682-647-01
Gold

DISASSEMBLY

18 SPEAKER UNIT



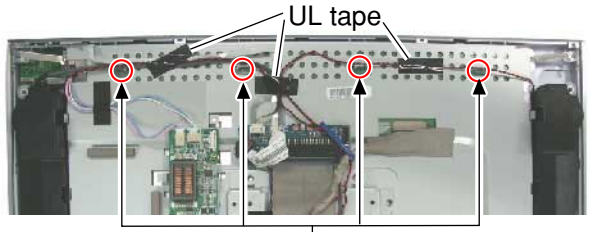


Removal procedure

❶ Peel off the three UL tapes.

❷ Remove the Speaker unit and the Speaker bushing together, and remove the Speaker bushing.

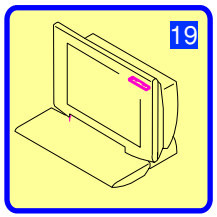
Attach the three UL tapes (❶) to secure the harness and the flexible flat cable (LED) as shown in the picture below.

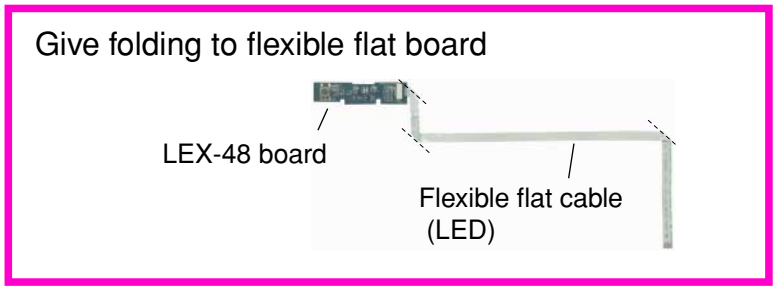


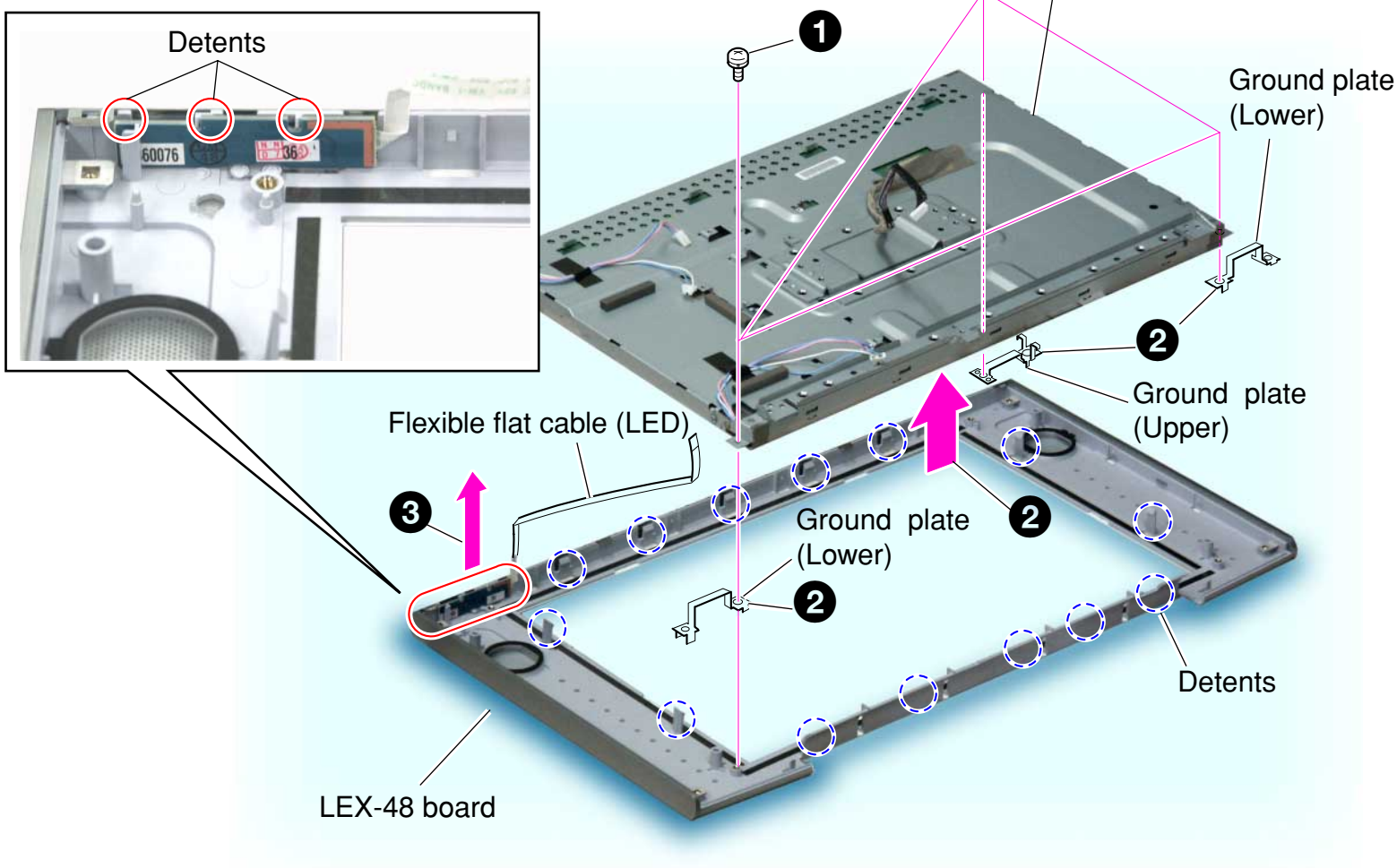
Route the harness upper the guide of the LCD chassis assy.

DISASSEMBLY

19 LEX-48 BOARD

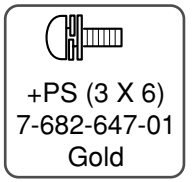






Removal procedure

1. Remove the three screws.

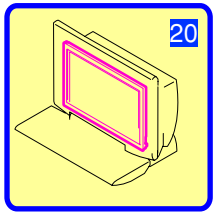


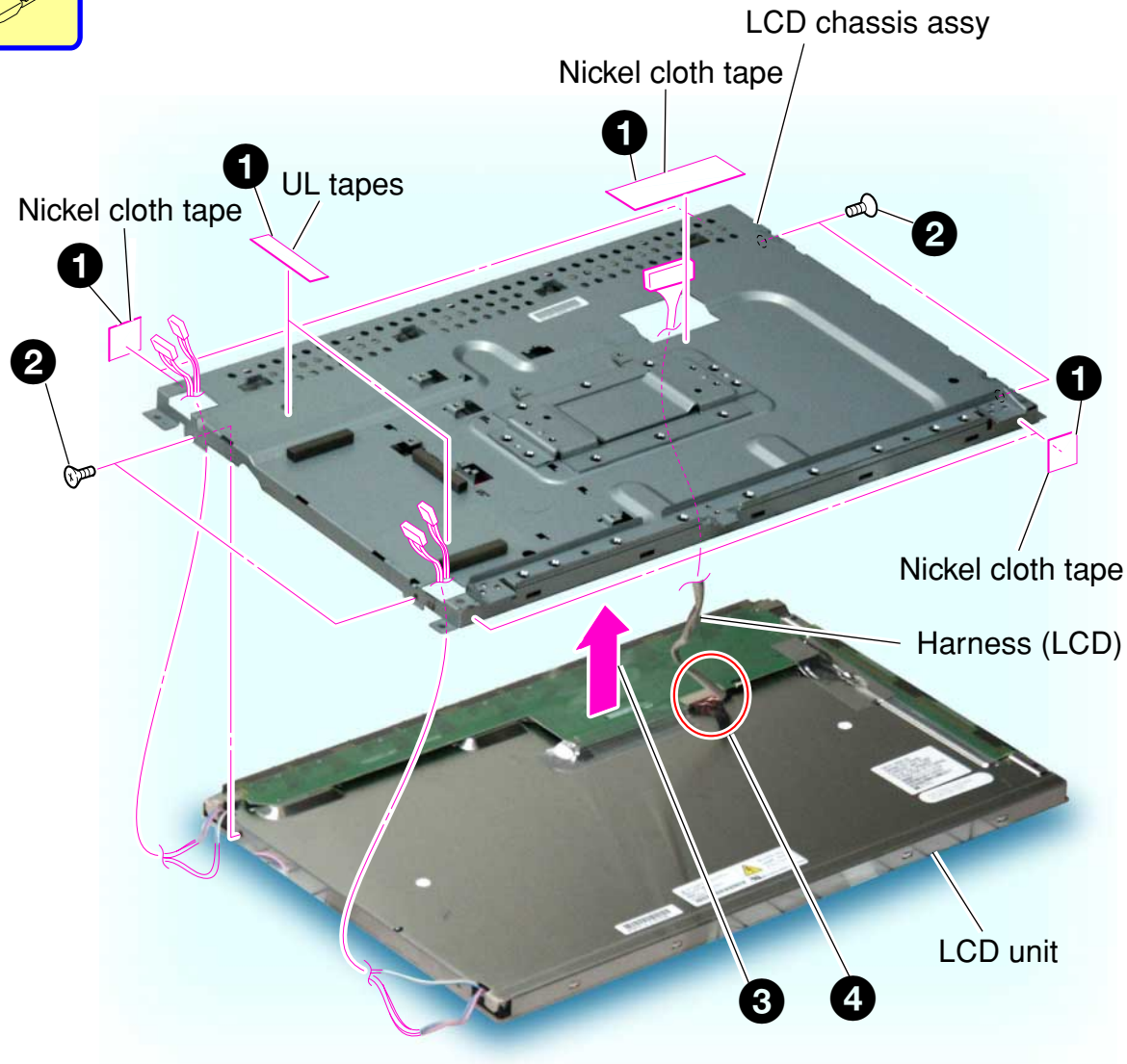
2. Disengage the fourteen detents, and remove the two Ground plates (Lower), one Ground plate (Upper), LCD unit, LCD chassis assy, and others.

3. Disengage the three detents, remove the LEX-48 board, and remove the Flexible flat cable (LED).

DISASSEMBLY

20 LCD UNIT





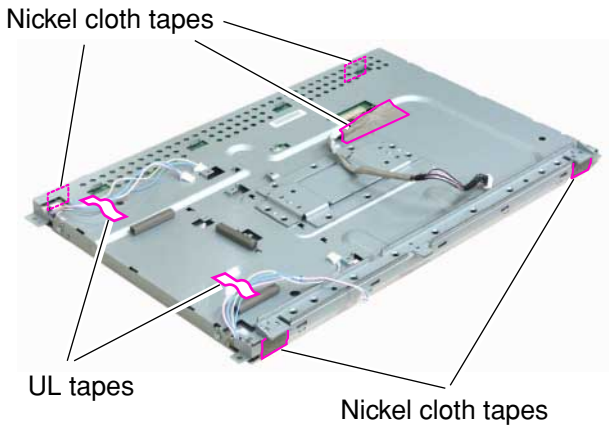
Removal procedure

1. Peel off the five nickel cloth tapes and the two UL tapes.
2. Remove the four screws.

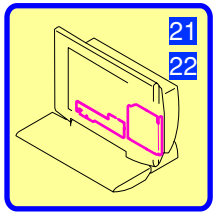
+K (3 X 6)
7-682-247-04
Silver

3. Remove the LCD unit from the LCD chassis with care not to give scar on the Harness.
4. Disconnect the Harness.

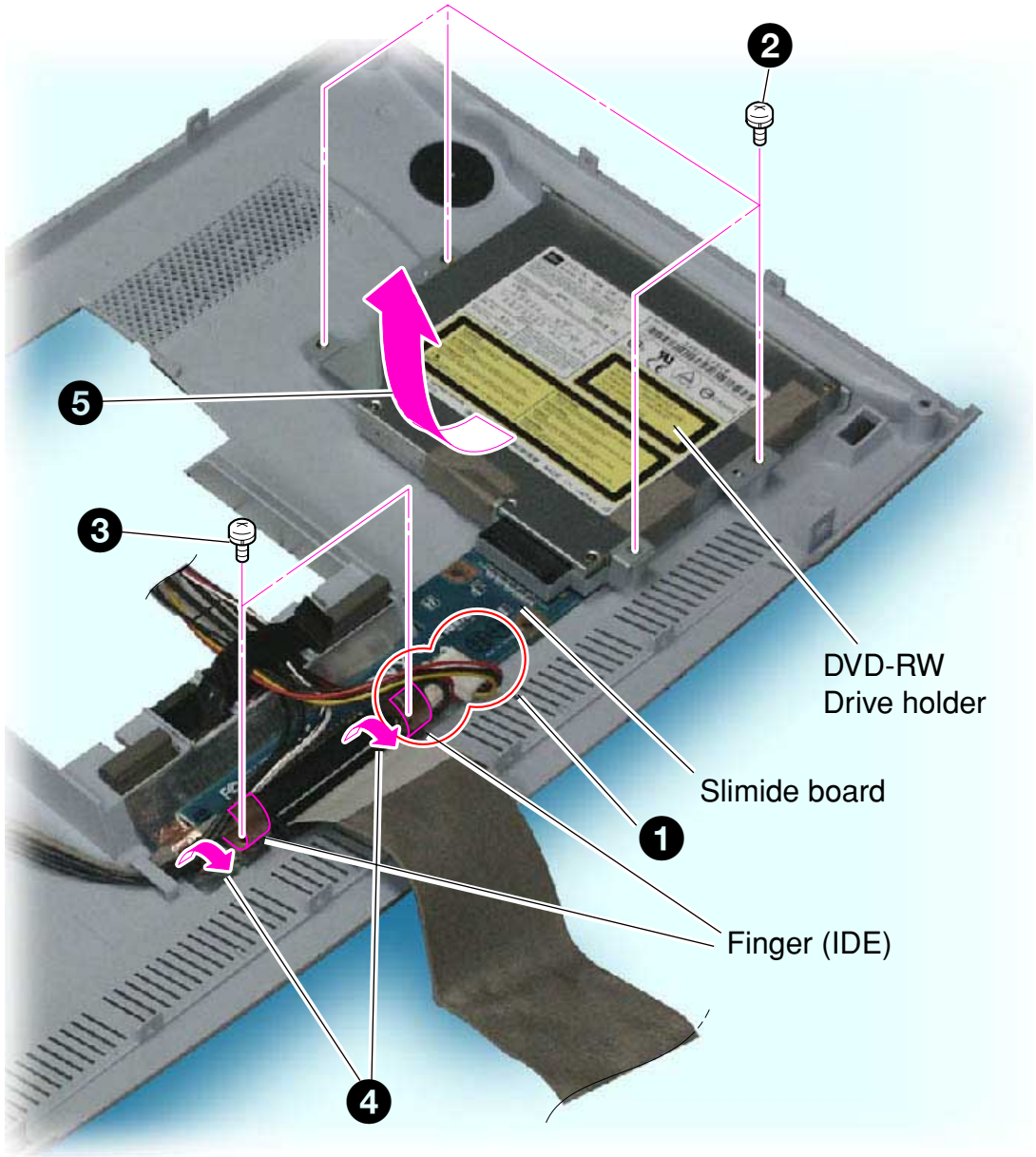
Attach the tapes (1) as shown in the picture below.



DISASSEMBLY



21 DVD-RW, SLIMIDE BOARD-1



Removal procedure

1. Disconnect the two connectors.
2. Remove the four screws.

+PS (3 X 6)
7-682-647-01
Gold

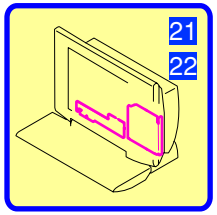
3. Remove the two screws.

+PS (3 X 4)
7-682-645-01
Gold

4. Turn over the finger (IDE) of copper foil in the direction of the arrow.
5. Remove the DVD-RW, Slimide board, and the Drive holder together in the direction of the arrow.

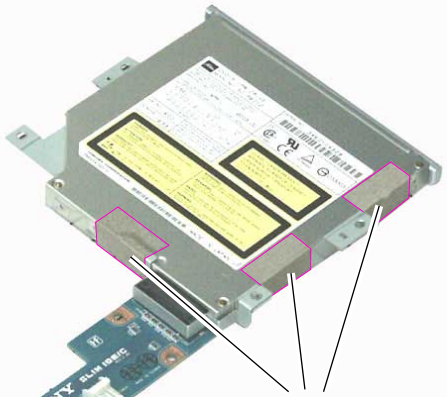
To next page

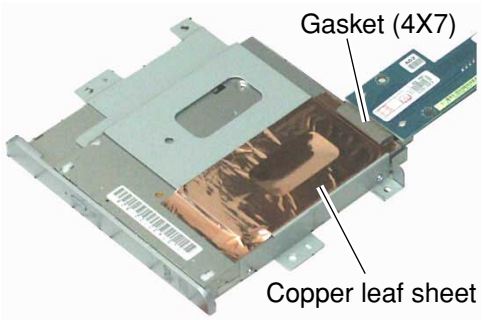
DISASSEMBLY

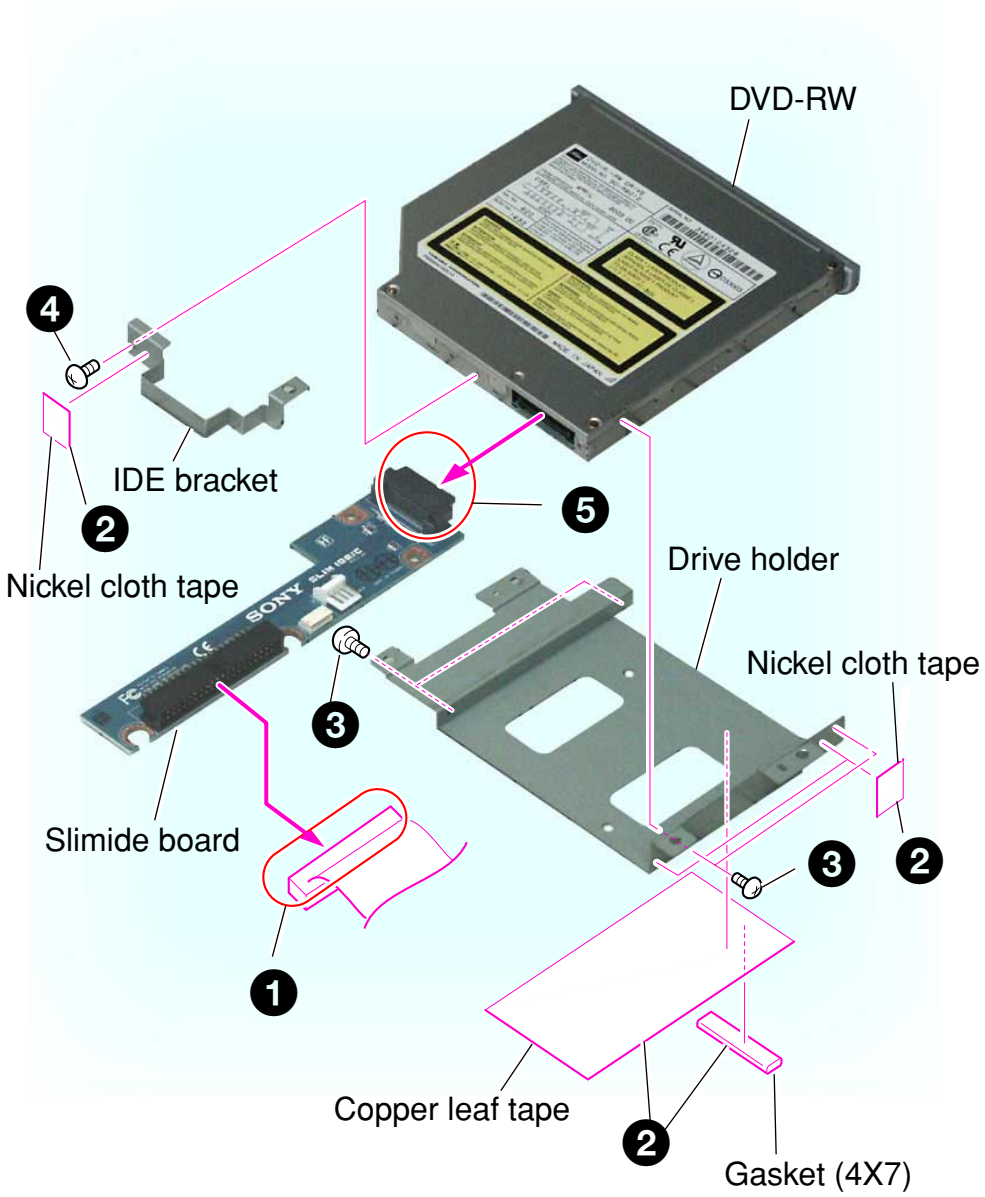


22 DVD-RW, SLIMIDE BOARD-2

Attach the tapes (❷), and the Gasket (4X7) as shown in the picture below.







Removal procedure

❶ Disconnect the Harness.

❷ Peel off the three Nickel cloth tapes, the Gasket (4X7), and the Copper leaf tape.

❸ Remove the four screws, and remove the Drive holder.

+P (2 X 2)
7-627-853-07
Silver

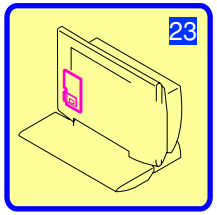
❹ Remove the screw, and remove the IDE bracket.

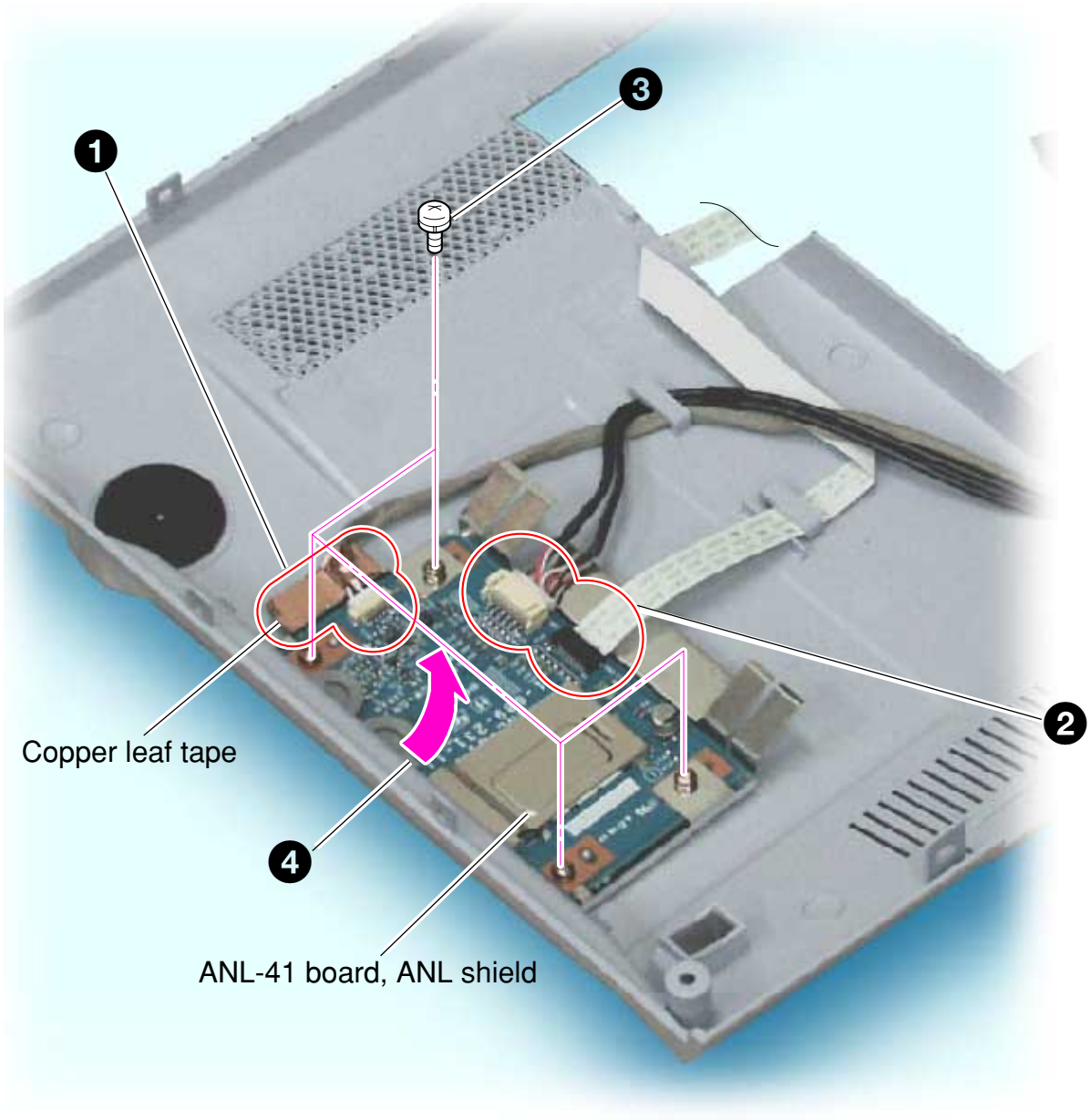
+P (2 X 2)
7-627-853-07
Silver

❺ Disconnect the connector, and separate the DVD-RW and the Slimide board.

DISASSEMBLY

23 ANL-41 BOARD





Removal procedure

❶ Peel off the Copper leaf tape, and disconnect the connector.

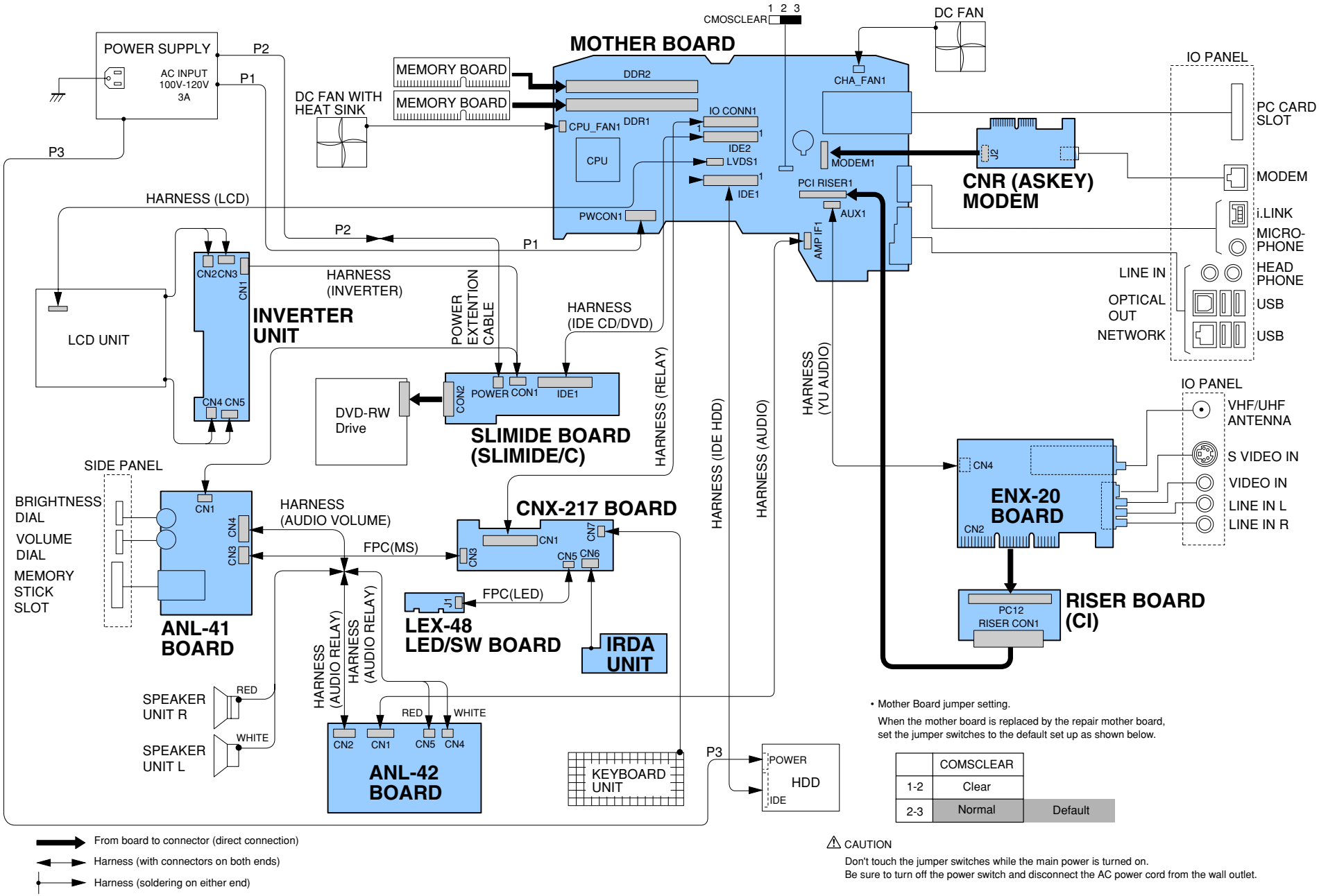
❷ Remove the two connectors.

❸ Remove the four screws.

+PS (3 X 6)
7-682-647-01
Gold

❹ Remove the ANL-41 board and the ANL shield together in the direction of the arrow, then separate them.

FRAMEHARNESS



• Mother Board jumper setting.

When the mother board is replaced by the repair mother board, set the jumper switches to the default set up as shown below.

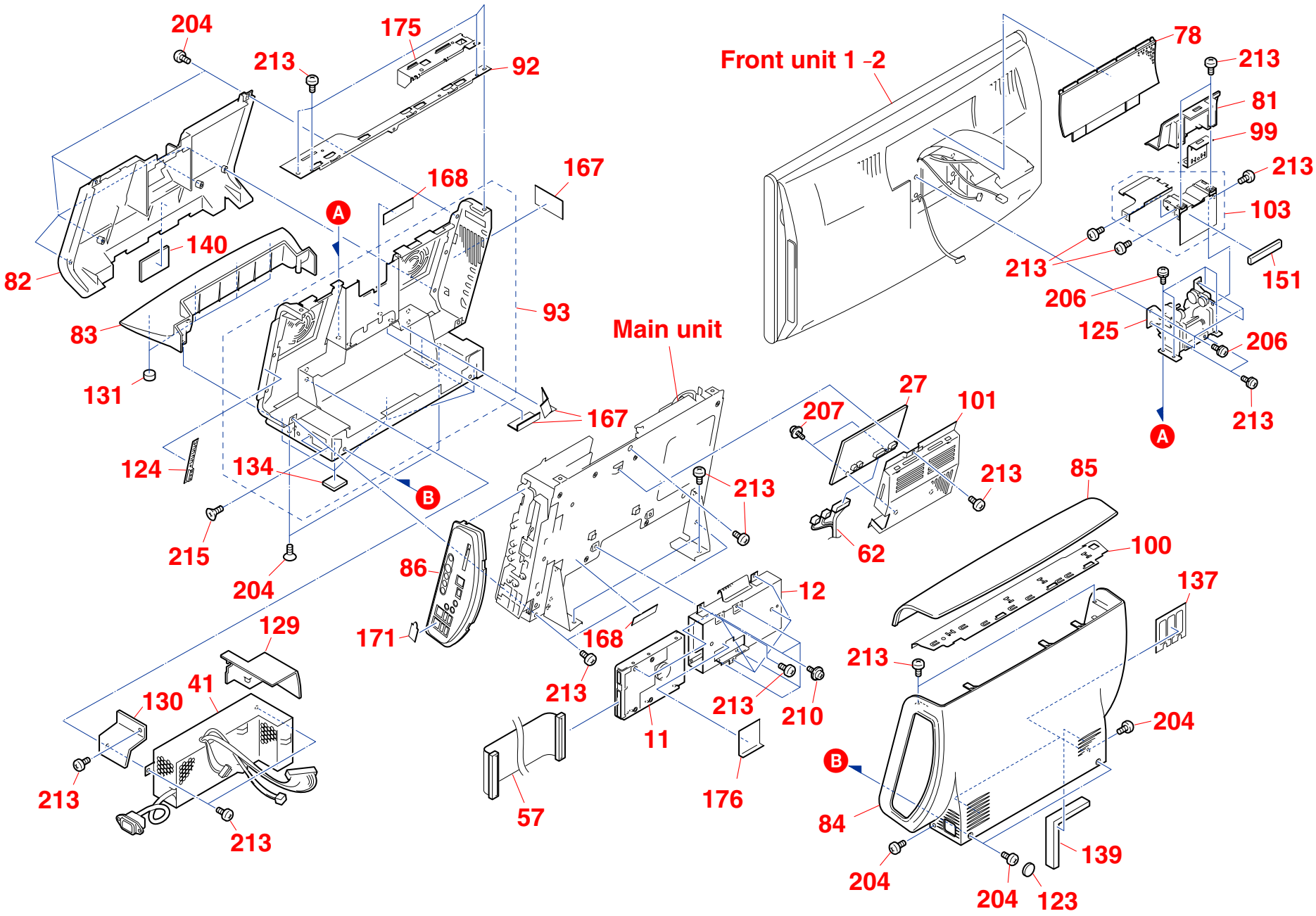
	COMSCLEAR	
1-2	Clear	
2-3	Normal	Default

⚠ CAUTION

Don't touch the jumper switches while the main power is turned on.
Be sure to turn off the power switch and disconnect the AC power cord from the wall outlet.

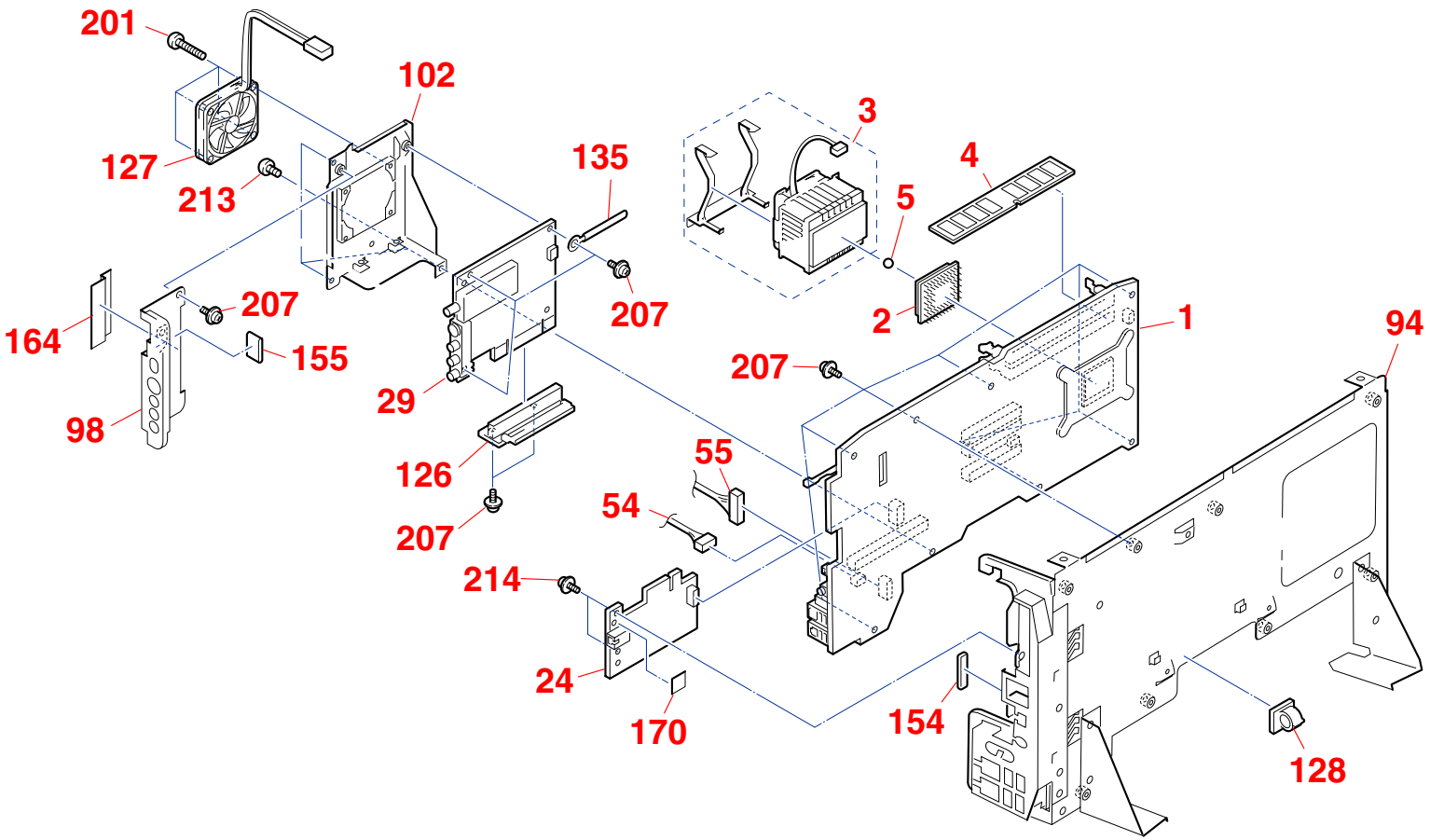
EXPLODED VIEW

1 REAR UNIT



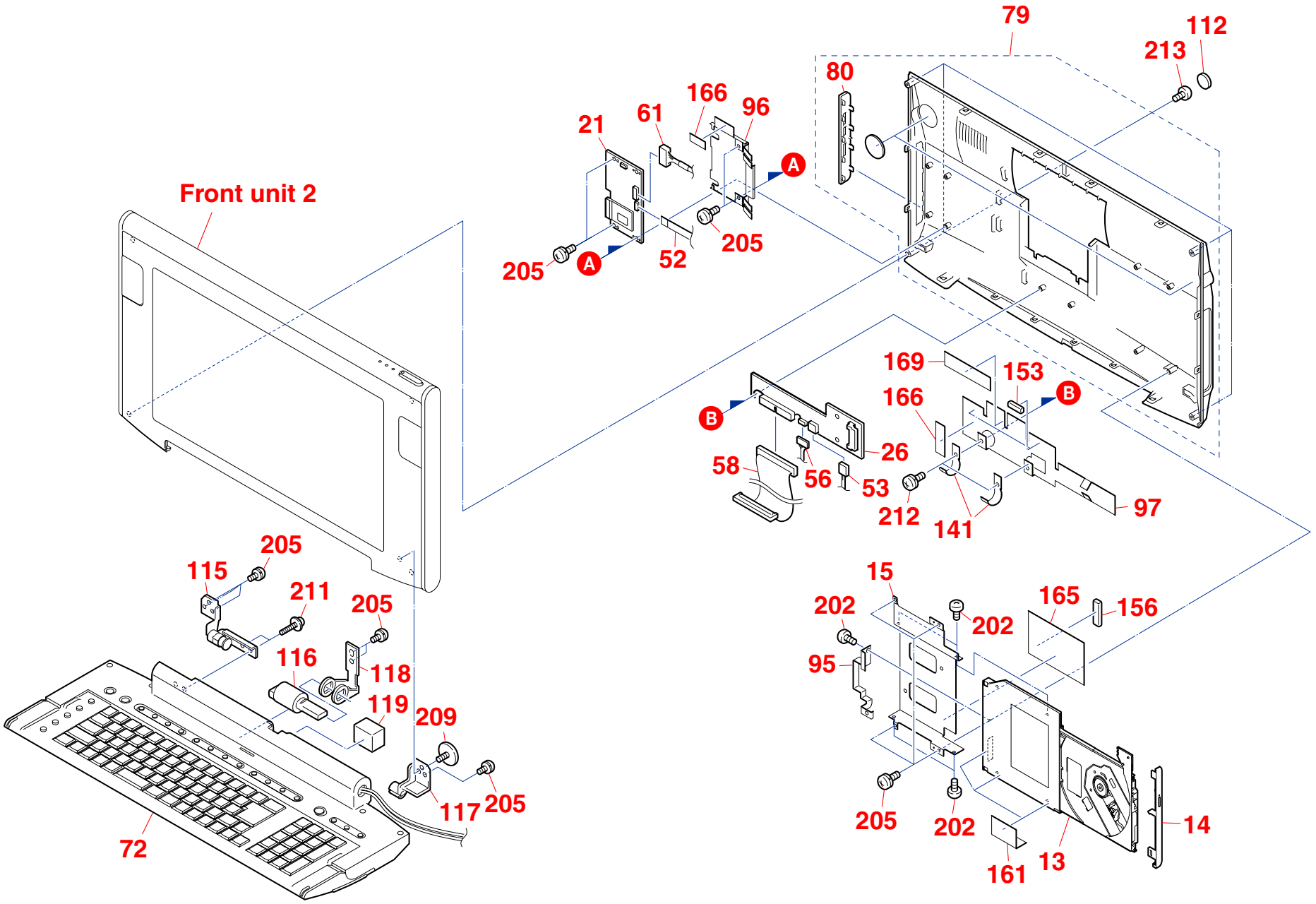
EXPLODED VIEW

2 MAIN UNIT



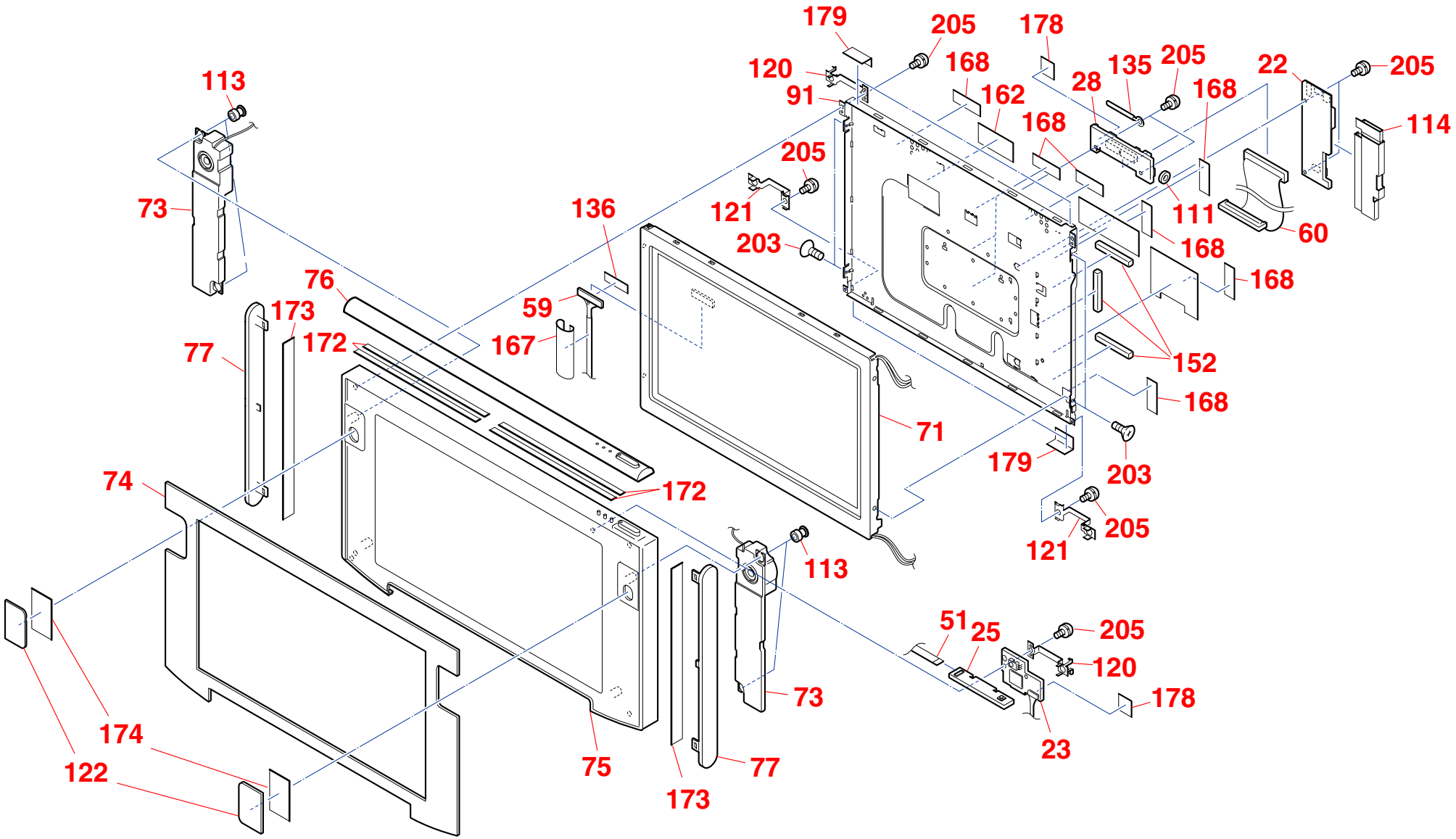
EXPLODED VIEW

3 FRONT UNIT-1



EXPLODED VIEW

4 FRONT UNIT-2



PARTS LIST

NOTE :

- The parts listed here are for service, and therefore they may be different from the parts shown in circuit diagrams or used in the set.
- # Parts/components that are available in the commercial market.

Basic List

- The parts in the “Basic List” will be refer red to as the part list. The part order should be taken place based on the part number in the list.

Substitution List

- If the repair part in the “Basic List” was not available, refer to order the “Substitution List” if available.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Basic List

Ref.No.	Part No.	Description	W500GN1
1	A-8115-564-A	MOTHER BOARD (KO) ASSY (S)	●
2	A-8114-081-A	CPU (P4/2.66G/6S3) ASSY (S)	●
3	1-787-038-11	FAN, DC (WITH HEATSINK)	●
4	6-600-196-01	DDR 512MB (V826664K24SATG-C0)	●
5	7-300-000-40	SILICON COMPOUND(G-765)90G	●
11	A-8115-583-A	HDD (S-U9/ST3160022A/160GB) ASSY (S)	●
12	X-4626-160-1	HDD BRACKET ASSY	●
13	1-796-728-11	DVD-RW/T-6012	●
14	X-4626-032-2	DRIVE ASSY, ESCUTCHEON (TO)	●
15	4-673-940-01	HOLDER, DRIVE	●
21	A-8068-053-A	MOUNTED PWB, ANL-41	●
22	1-478-079-11	INVERTER UNIT	●
23	1-477-558-21	RAY-CATCHER UNIT	●
24	1-761-672-31	CNR(ASKEY) MODEM	●
25	1-688-745-11	LED/SW BOARD LEX-48	●
26	1-761-699-11	SLIMIDE BOARD (SLIMIDE/C)	●
27	A-8068-052-A	MOUNTED PWB, ANL-42	●
28	1-688-746-11	CNX-217 BOARD	●
29	A-8115-682-A	MOUNTED PWB ENX-20	●
⚠ 41	1-468-772-11	POWER, SWITCHING	●
51	1-827-230-11	CABLE, FLEXIBLE FLAT (LED)	●
52	1-827-231-11	CABLE, FLEXIBLE FLAT (MS)	●
53	1-824-682-21	CABLE, POWER EXTENSION	●
54	1-960-620-11	HARNESS (YU AUDIO)	●
55	1-962-269-11	HARNESS (AUDIO)	●
56	1-962-271-21	HARNESS (INVERTER)	●
57	1-961-644-41	HARNESS (IDE HDD)	●
58	1-961-645-51	HARNESS (IDE CD/DVD)	●
59	1-962-268-11	HARNESS (LCD)	●

Ref.No.	Part No.	Description	W500GN1
60	1-962-267-21	HARNESS (RELAY)	●
61	1-962-272-11	HARNESS (AUDIO VOLUME)	●
62	1-962-270-11	HARNESS (AUDIO RELAY)	●
71	A-8115-563-A	LCD (AD/17.5/WXGA) ASSY (S)	●
72	1-478-192-11	KEY BOARD UNIT (US)	●
73	1-825-494-11	SPEAKER UNIT	●
74	4-673-930-02	PANEL, FRONT	●
75	A-8114-247-A	COVER ASSY, FRONT	●
76	X-4626-102-2	PANEL ASSY, TOP	●
77	X-4626-103-1	PANEL ASSY, SIDE	●
78	A-8115-841-A	PANEL ASSY, REAR	●
79	X-4625-943-2	COVER (LCD) ASSY, REAR	●
80	4-673-932-01	PANEL, LEFT	●
81	4-673-348-02	HINGE (COVER)	●
82	4-673-342-02	MAIN (COVER)	●
83	X-4626-028-1	STANDCOVER ASSY	●
84	4-673-356-12	COVER (MAIN), REAR	●
85	X-4625-876-2	TOP (COVER) ASSY	●
86	X-4625-879-2	IO (PANEL) ASSY	●
91	X-4625-944-3	CHASSIS ASSY, LCD	●
92	4-673-341-02	MAINCHASSIS (STAY)	●
93	A-8114-085-B	MAIN CHASSIS ASSY	●
94	X-4625-872-2	MB CHASSIS ASSY	●
95	4-675-585-01	BRACKET, IDE	●
96	4-676-628-01	SHIELD, ANL	●
97	4-677-031-01	SHIELD, IDE	●
98	4-673-355-01	BRACKET (KI)	●
99	4-673-349-02	HINGECOVER SHIELD	●
100	4-673-347-01	TOP (PANEL) (SHIELD)	●

Ref.No.	Part No.	Description	W500GN1
101	4-673-353-01	AMP BRACKET	●
102	X-4625-873-2	RISER (CHASSIS) ASSY	●
103	X-4626-124-1	HINGE COVER BRACKET ASSY	●
111	1-400-485-11	CORE, FERRITE	●
112	4-644-474-61	COVER, SCREW	●
113	4-673-949-01	BUSHING, SPEAKER	●
114	4-673-950-01	SHEET, INVERTOR	●
115	4-674-865-01	HINGE, KEY BOARD	●
116	4-674-866-01	DAMPER, KEY BOARD	●
117	4-673-934-01	BRACKET, KEY BOARD	●
118	4-673-945-01	BRACKET, DAMPER	●
119	4-676-267-01	COVER, DAMPER	●
120	4-676-626-02	PLATE (UPPER), GROUND	●
121	4-676-627-01	PLATE (LOWER), GROUND	●
122	X-4626-187-1	GRILLE ASSY, SPEAKER	●
123	4-644-474-51	COVER, SCREW	●
124	4-674-857-01	SHIELD (FINGER)	●
125	4-673-357-01	HINGE (MAIN)	●
126	1-761-697-11	RISER BOARD (CI)	●
127	1-787-023-11	FAN, DC	●
128	4-640-554-01	CABLE CLAMP	●
129	4-675-784-01	DUCT (L)	●
130	4-676-269-01	DUCT (R)	●
# 131	4-675-694-01	FOOT (STANDCOVER)	●
# 134	4-673-512-01	FOOT	●
135	4-662-796-01	CLIP, COACHING	●
136	4-663-159-02	TAPE, LCD HARNESS PROTECTION	●
137	4-677-410-01	PRT (SHEET)	●
139	4-677-418-01	DUCT (REAR COVER)	●

Ref.No.	Part No.	Description	W500GN1
140	4-677-464-01	SHEET, MAINCOVER PROTECTION	●
141	4-677-496-01	FINGER (IDE)	●
151	4-669-770-11	GASKET 3X9	●
152	4-669-791-01	GASKET (6X6)	●
153	4-669-791-31	GASKET (6X6)	●
154	4-677-316-01	GASKET (2X5)	●
155	4-677-317-01	GASKET(4X7)	●
156	4-677-317-11	GASKET(4X7)	●
161	4-663-104-01	TAPE, NICKEL CLOTH	●
162	4-663-104-21	TAPE, NICKEL CLOTH	●
164	4-663-105-11	TAPE, COPPER LEAF	●
165	4-677-412-01	TAPE, COPPER LEAF	●
166	4-677-412-11	TAPE, COPPER LEAF	●
167	4-663-151-01	TAPE (25X40), GLASS	●
168	4-676-734-01	TAPE, UL	●
169	4-676-734-11	TAPE, UL	●
170	4-677-660-01	PROTECTION SHEET, MODEM	●
171	4-649-870-11	LABEL (ETHER), CAUTION	●
172	4-675-581-01	TAPE (TOP PANEL), DOUBLE STICK	●
173	4-675-582-01	TAPE (SIDE PANEL),DOUBLE STICK	●
174	4-677-029-01	TAPE(SPEAKER GRILL), DOUBLE ST	●
175	4-678-288-01	BRACKET, MEMORY PROTECTION	●
176	4-663-156-21	TAPE (TOP-BOTTOM), NI CLOTH	●
178	4-663-159-11	TAPE, LCD HARNESS PROTECTION	●
179	4-677-318-11	TAPE, NI CLOTH	●
201	4-675-008-01	SCREW, CROSS (HOLE) PLATE	●
202	7-627-853-07	PRECISION SCREW +P 2X2 TYPE 3	●
203	7-682-247-04	SCREW +K 3X6	●
204	7-682-547-04	SCREW +B 3X6	●

Ref.No.	Part No.	Description	W500GN1
205	7-682-647-01	SCREW +PS 3X6	●
206	7-682-659-01	SCREW +PS 4X5	●
207	7-682-947-01	SCREW +PSW 3X6	●
209	3-081-229-01	SCREW (M3X5)	●
210	4-645-944-01	SCREW (SW) (NO.6-32UNC)	●
211	4-677-452-01	SCREW, PHW3X16	●
212	7-682-645-01	SCREW +PS 3X4	●
213	7-682-547-09	SCREW +B 3X6	●
214	7-682-946-01	SCREW +PSW 3X5	●
215	7-682-248-04	SCREW +K 3X8	●

Assessories & Packing Materials List

Ref.No.	Part No.	Description	W500GN1
# ⚠ 301	1-777-786-12	CORD, AC	●
# 302	1-827-426-11	CORD, CONNECTION (F TYPE RF)	●
# 303	1-796-510-31	MOUSE (USB)	●
# 304	1-783-801-32	CORD, CONNECTION	●
# 305	1-477-900-11	REMOTE COMMANDER	●
# ⚠	4-678-177-11	QUICK START	●

Substitution List

Ref.No.	Part No.	Description	W500GN1
2	A-8112-348-A	CPU (P4/2.66G/6DX) ASSY (S)	●
	A-8117-387-A	CPU (P4/2.66G/6PE) ASSY (S)	●
4	6-600-192-01	DDR 512MB (HYS64D64320GU-6-B)	●
	6-600-201-01	DDR 512MB (MT16VDDT6464AG-335C4)	●
11	A-8115-575-A	HDD (SA-V80/SV1604N/160GB) ASSY (S)	●
71	A-8117-624-A	LCD (AD/17.5/WXGA) ASSY (S)	●

Revision History

Suffix	Ver.	Date	Contents	QM No.
-01	Ver. 1	2003.08.07	First Edition	

< Remarks >